Sprint Printable User Guide

A downloadable, printable guide to your device's features.

Samsung GALAXY Tab 2 10.1

Sprint

Available applications and services are subject to change at any time.

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Get Started

The following topics give you all the information you need to set up your device and Sprint service the first time.

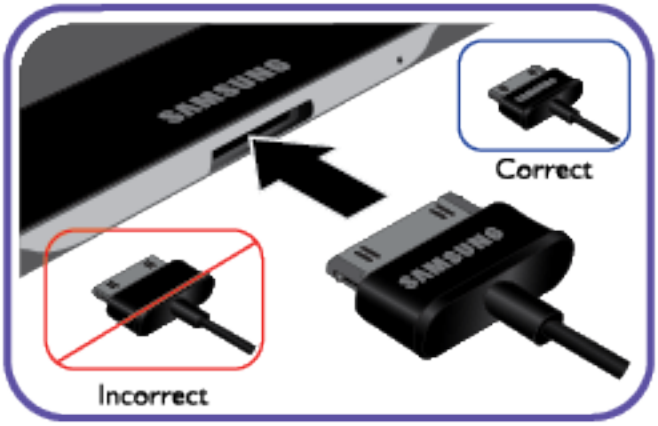
Your Device at a Glance

The following illustration outlines your device's primary external features and buttons.

Set Up Your Device

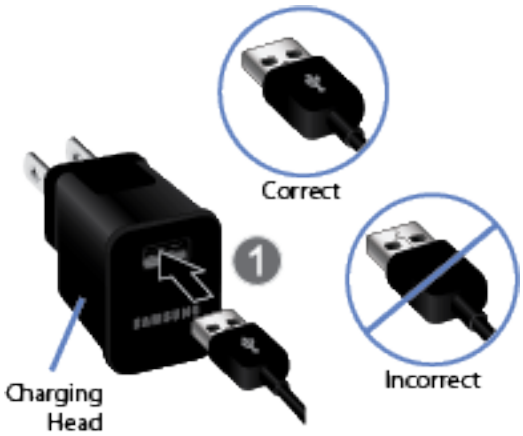
Charge the battery to begin setting up your device.

1. Plug the wide end of the USB cable into the Charger/Accessory Jack on the bottom of your device.



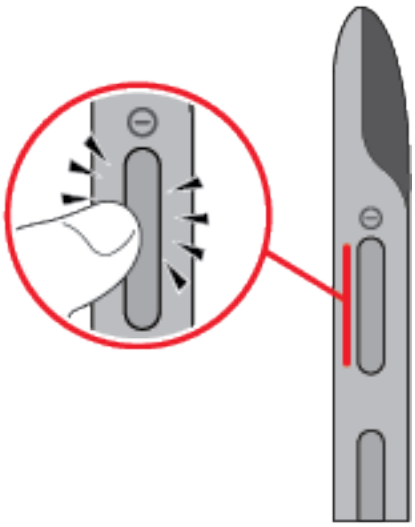
Warning! While the device is charging, if the touchscreen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

2. Plug the USB end of the USB cable into the Charging Head, and then plug the Charging Head into an electrical outlet to charge your battery. Fully charging a battery may take up to three hours.



Note: Your device's battery should have enough charge for the device to turn on and find a signal, and set up the device. You should fully charge the battery as soon as possible.

3. Press and hold the **Power/Lock** button to turn the device on.



- If your device is activated, it will turn on, search for Sprint service, and begin the setup application.
- If your device is not yet activated, see Activate Your Device for more information.

Activate Your Device

Depending on your account or how and where you purchased your device, it may be ready to use or you may need to activate it on your Sprint account.

- If you purchased your device at a Sprint Store, it is probably activated and ready to use.
- If you received your device in the mail and it is for a new Sprint account or a new line of service, it is designed to activate automatically.
  - When you turn the device on for the first time, you should see a **Hands Free Activation** screen, which may be followed by a **PRL Update** screen and a **Firmware Update** screen. Follow the onscreen instructions to continue.
- If you received your device in the mail and you are activating a new device for an existing number on your account (you're swapping devices), you can activate on your computer online or directly on your device.
  - Activate on your computer: Go to sprint.com/activate and complete the online instructions to activate your device.
  - Activate on your device:
    - Turn on your new device. (Make sure the old one is turned off.) Your device will automatically attempt Hands-Free Activation.
    - Tap **Activate** to override auto-activation and start the manual activation wizard.

- Follow the onscreen prompts to complete the activation process.

- To confirm activation, launch Internet. If your device is still not activated or you do not have access to the Internet, contact Sprint Customer Service at **1-888-211-4727** for assistance.

Tip: Do not press the **Power/Lock** button while the device is being activated. Pressing the **Power/Lock** button cancels the activation process.

Note: If you are having any difficulty with activation, contact Sprint Customer Service by calling **1-888-211-4727** from any other device.

Complete the Setup Application

The Setup application helps you set up certain features and preferences on your device. Once your device has been turned on and activated, you will see a Welcome message. You can then complete the Setup application.

Note: You may be able to complete the setup application before your device has been activated on your Sprint account.

1. Once your device is activated, you will see the Welcome screen. Choose a language, and then tap **Start** to get started.
2. Follow the onscreen instructions to complete each section. For each topic, you will have an option to skip it and continue to the next screen.
   - **Samsung account**: Your Samsung account provides access to a variety of services.
     - **Create new account** - Follow the instructions to create a new Samsung account.
     - **Sign in** - Enter your credentials to sign in to your current Samsung account.
   - **Make it Google** - Complete the steps to sign in to your current Google account, or tap **Get an account** to sign up for a new Google account right from your device.
     - **Sign in** - Enter your Gmail address and password and tap **Sign in** to set up your current Google account on this device. Follow the instructions to set up options, including enable purchases, Backup and restore options, Google location services, and information to personalize some apps. Tap **Next** to continue after each step.
     - **Get an account** - Follow the instructions to sign up for a new Google account. There will be screens to enter your first and last names, create an email address (Gmail), create a password, enter recovery information (including a backup email address and a recovery question in case you forget your Google account sign-in information), an option to join Google+, and an option to enable purchases from the Google Play Store app. Tap **Next** between each screen.
     - **Not now** - Skip this step. You can always set up a Google account on your device later, in Settings.

3. When setup is complete, tap **Finish**. Follow the onscreen instructions to learn about basic touch/tap navigation.

Note: As you use your device, you may see a notice to turn on Sprint Connections Optimizer, to allow your device to automatically connect to the best available network, including Wi-Fi networks. Follow the prompts on the notice to turn on Sprint Connections Optimizer, or turn it on or off at any time by tapping **Home** > **Apps** > **Settings** > **More settings** > **Mobile networks** > **Connection optimizer**.

Sprint Account Information and Help

Find out about account passwords and information about managing your account and finding help.

Sprint Account Passwords

As a Sprint customer, you enjoy unlimited access to your personal account information and data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

Account User Name and Password

If you are the account owner, you will create an account user name and password when you sign on to sprint.com. (Click **Sign in/Register** and then click **Sign up now!** to get started.) If you are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at sprint.com.

Data Services Password

With your Sprint device, you may elect to set up an optional data services password to control access and authorize Premium Service purchases.

For more information, or to change your passwords, sign on to sprint.com or call Sprint Customer Service at **1-888-211-4727**.

Manage Your Account

Manage your Sprint account from your computer, your Sprint device, or by phone.

Online at sprint.com/mysprint

- Access your account information.
- Check your data usage (depending on your Sprint service plan).
- View and pay your bill.

- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint devices.
- View available Sprint service plans and options.
- Learn more about data services and other products like games, ring tones, screen savers, and more.

From your Sprint device

- Press > **Apps** > **Sprint Zone** to access your Sprint account, get device information and help, find recommended apps, and more.

From your phone

- Sprint Customer Service: **1-888-211-4727**.
- Business Customer Service: **1-888-788-4727**.

Device Basics

Your device is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The following topics will introduce the basic functions and features of your device.

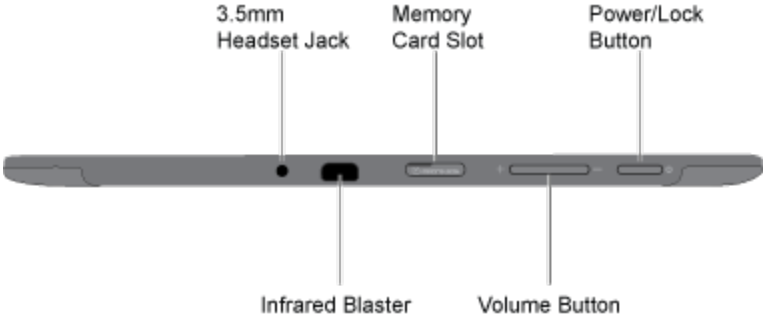
Your Device's Layout and Key Functions

The following illustrations and lists outline and describe your device's basic layout.

Front View

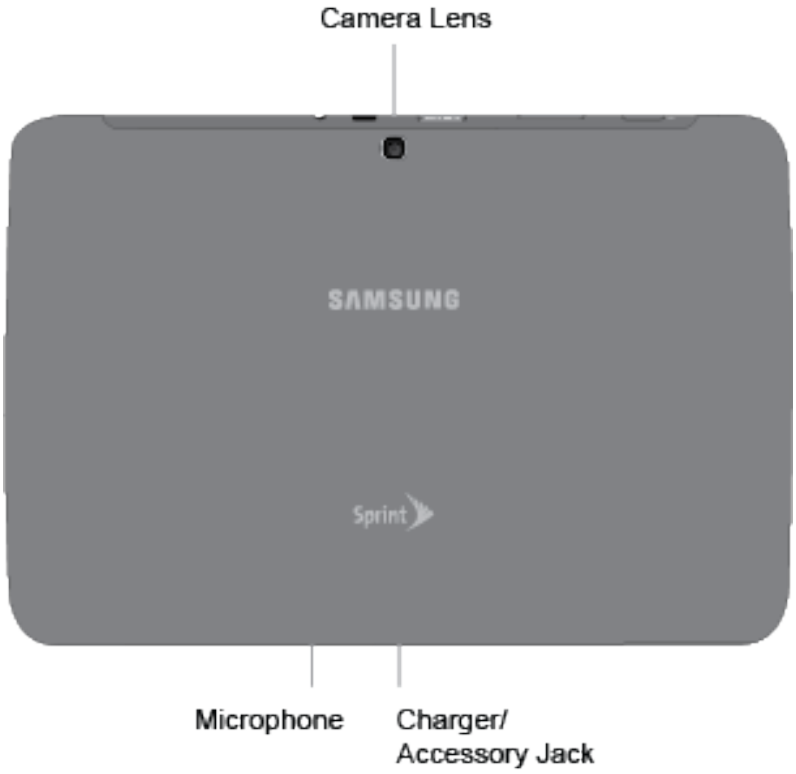
- **External Speakers** are used for music or video playback, notification tones, and for other sounds.
- **Light Sensor** controls screen brightness automatically and when taking photos with the Front-facing Camera.
- **Front-facing Camera Lens** allows you to take photos or video recordings while looking at the screen, using the Self-portrait/Self-recording options of the Camera.

Top View



- **3.5 mm Headset Jack** allows you to plug in an optional stereo headset (not included).
- **Infrared Blaster** emits infrared signals used for controlling external devices. For more information, see Peel Smart Remote.
- **Memory Card Slot** allows you to install an optional microSD card (not included), for additional storage.
- **Volume Button** allows you to adjust volume.
- **Power/Lock Button** lets you turn the device on or off, turn the screen on or off, enable or disable data network mode or airplane mode, or restart the device.

Back View



- **CameraLens** lets you take pictures and videos.
- **Microphone** captures audio.
- **Charger/Accessory Jack** allows you to connect the device charger/USB cable (included).

Turn Your Device On and Off

The instructions below explain how to turn your device on and off. Your screen remains blank while your device is off (unless the battery is charging).

Turn Your Device On

- Press and hold on the left side of the top of the device.

Turn Your Device Off

- Press and hold until the Device options menu displays, and then tap **Power off** > **OK**.

Turn Your Screen On and Off

Your device allows you to quickly turn the screen off when not in use and to turn it back on and unlock it when you need it.

Turn the Screen Off When Not in Use

- To quickly turn the screen off, press the **Power/Lock** button. Pressing the **Power/Lock** button again will turn on your device screen and show the lock screen.

To save battery power, the device automatically turns off the screen after a certain period of time when you leave it idle. Your device will still be able to receive email, sync with your accounts, and perform other functions while the screen is off.

Note: For information on how to adjust the time before the screen turns off, see Screen Timeout.

Turn the Screen On and Unlock It

1. To turn the screen on, press on the left side of the top of the device.
2. Swipe the screen in any direction to unlock the screen.
    - If you have set up a screen lock, you will be prompted to draw the pattern or enter the password or PIN. See Screen lock.

Touchscreen Navigation

Your device's touchscreen lets you control actions through a variety of touch gestures.

Tap

When you want to type using the onscreen keyboard, select items onscreen such as application and settings icons, or press onscreen buttons, simply tap them with your finger.

Touch and Hold

To open the available options for an item (for example, a contact or link in a Web page), touch and hold the item.

Slide

To slide means to quickly drag your finger across the screen (for example, when entering text with Swype or drawing on the screen).

Drag

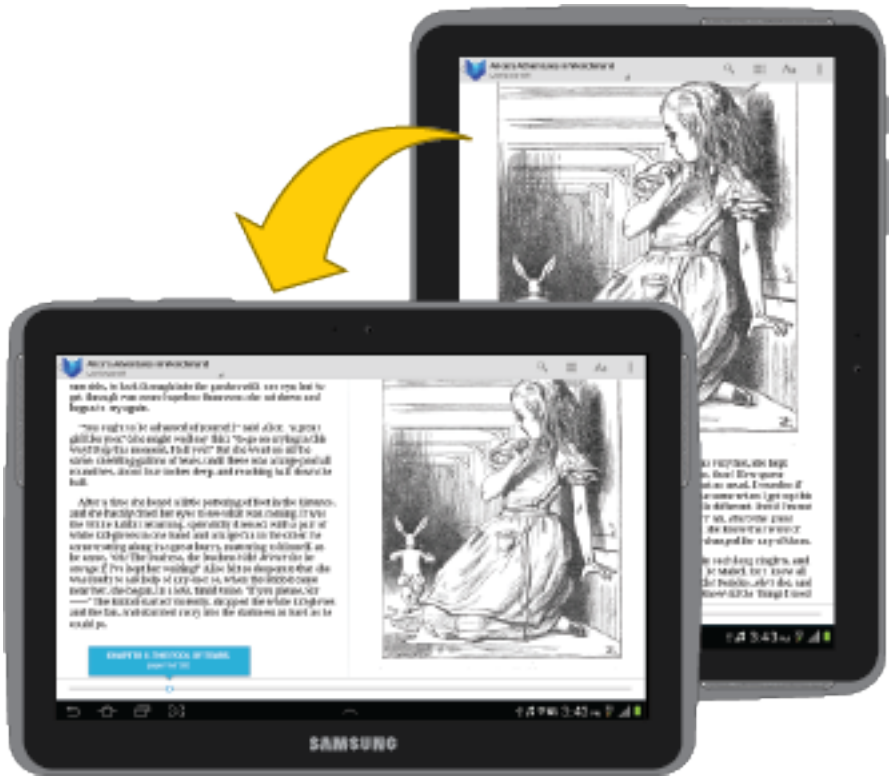
To drag, touch and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.

Rotate

For most screens, you can automatically change the screen by turning the device sideways. When entering text, you can turn the device sideways to bring up a bigger keyboard.



Note: The Auto-rotate check box needs to be selected for the screen orientation to automatically change. To make this selection, tap > > **Settings** > **Display** > **Auto-rotate screen**. See Auto-rotate screen for more information.

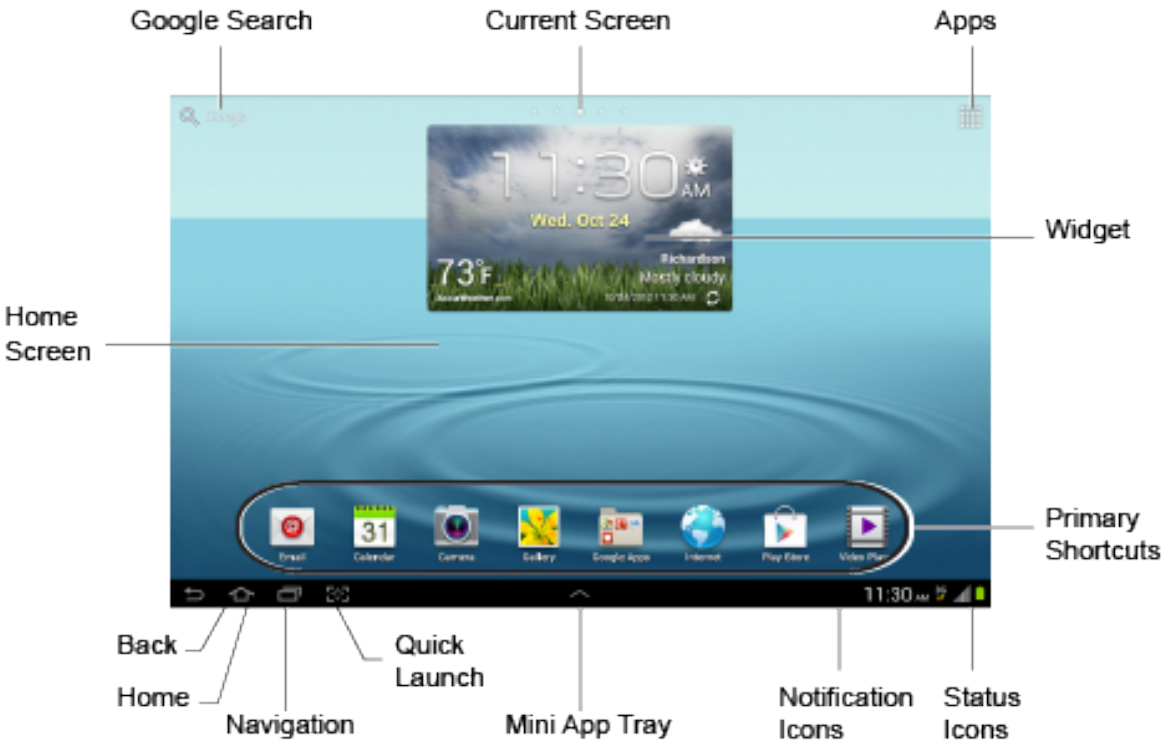
Pinch and Spread

“Pinch” the screen using your thumb and forefinger to zoom out or “spread” the screen to zoom in when viewing a picture or a Web page. (Move fingers inward to zoom out and outward to zoom in.)

Tip: Pinching any Home screen will let you see thumbnails of all Home screens (up to seven). Tap a thumbnail to go straight to another Home screen.

Your Home Screen

The home screen is the starting point for your device's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. Your home screen extends beyond the initial screen. Swipe the screen left or right to display additional screens.



Note: You can keep swiping in one direction to cycle through all home screens. The small dots at the top of the screen let you know your current position.

Tip: Press to return to the main home screen from any other screen.

Creating Shortcuts

Learn how to add, move, or remove items from the home screen.

Adding Items from the Applications Menu

1. Press to display the main Home screen.
2. Navigate to the desired Home screen and tap to display your current applications.
3. Scroll through the list and locate your desired application.
4. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the Applications tab.
5. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Adding Items from the Home screen

1. Press to display the main Home screen.
2. Navigate to the desired Home screen.
3. Touch and hold an empty area of the Home screen.
4. Tap **Apps and widgets** > **Apps** tab.
5. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the Applications tab.
6. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Deleting a Shortcut

1. Press to display the main Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon down to the Delete icon and release it. As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the application, it simply removes the shortcut from the current screen.

Adding and Removing Primary Shortcuts

You can change any of your shortcuts, except the Apps shortcut.

Note: Before replacing a primary shortcut, you must first add the replacement shortcut to the Home Screen. For more information, see Creating Shortcuts.

Adding a Primary Shortcut

1. Press to display the main Home screen.
2. Touch and hold an empty area of the Home screen.
3. Tap **Apps and widgets**, and then touch and hold an app to add it to the current screen.

Removing a Primary Shortcut

1. Press to display the main Home screen.

2. Touch and hold the shortcut you want to remove. This unlocks it from its location on the current screen.
3. Drag the shortcut up to the Delete icon and release it. As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the application, it just removes it from the current screen

Adding and Removing Widgets

Widgets are self-contained applications that reside either in your Widgets tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an onscreen application. Widgets can include Contacts shortcuts, bookmarks, Facebook status windows, Gmail and email accounts, and many other types of apps.

Adding a Widget

1. Press to display the main Home screen.
2. Navigate to the desired Home screen.
3. Touch and hold an empty area of the Home screen.
4. Tap **Apps and widgets** > **Widgets** tab.
5. Touch and hold an available Widget to position it on the current screen.

Removing a Widget

1. Press to display the main Home screen.
2. Touch and hold the desired widget. This unlocks it from its location on the current screen.
3. Drag the widget up to the Delete icon and release it. As you place the widget into the Trash, both items turn red.

Note: This action does not delete the widget, it simply removes it from the current screen

Extended Home Screens

In addition to the main Home screen, your device can display up to six extended home screens to provide more space for adding icons, widgets, and more. Touch and hold the icon or widget and then drag across the screen to move it from the main screen to an extended screen.

To go directly to a particular screen:

1. From any home screen, pinch the screen to display thumbnail images of all screens.

– or –

Touch and hold an empty area of the Home screen and then tap **Page**.

2. Tap the screen you want to open.

Adding a Home screen

By default, your device displays the main Home screen, plus four extended screens. You can add screens (up to the maximum of seven) from the Home screen menu.

1. From any home screen, pinch the screen to display thumbnail images of all screens.

   – or –

   Touch and hold an empty area of the Home screen and then tap **Page**.

2. From the thumbnail view, tap a thumbnail with a plus sign (+) to add a new home screen.

Recently Used Applications

You can access recently used applications through a display of shortcuts to the applications themselves.

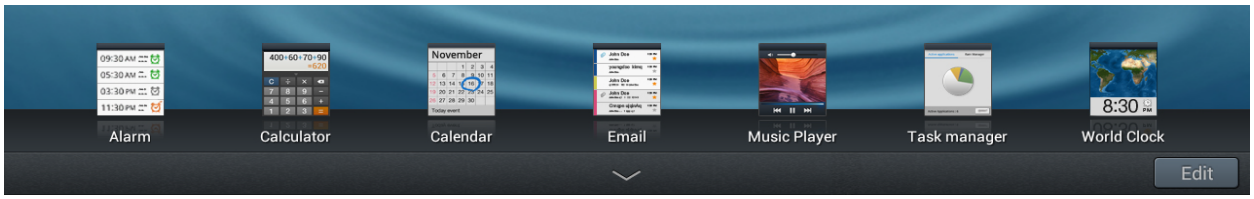
1. Tap **Recent apps** from any screen to open the recently used applications window.

2. Tap an image to open the selected application.

Mini App Tray

There are shortcuts available that link to apps that you might need while working in other apps, such as Alarm, Calculator, Calendar, Email, Music player, Task manager, and World clock. In some cases, these shortcuts are actually links to the part of the app you need most and they contain a link to the actual app where you can use other functions.

1. From any screen, touch at the bottom, center of the screen. The Mini App Tray icons display.



2. Touch one of the icons to display a mini app pop-up. The pop-up varies depending on the application. Various controls display at the top of the pop-up and other information is displayed in the body of the pop-up.
3. Touch items in the body of the pop-up, such as an email entry or keys on the Calculator.
4. Touch to link to the application.
5. Touch to close the mini app tray.

Customize the Mini App Tray

You can choose applications to display on the Mini App Tray and arrange them in any order.

1. Touch **Edit** at the right side of the tray to customize the Mini App Tray.
2. Touch and drag apps in and out of the tray or to another position in the tray.
3. Touch **Done** to save your changes.

Status Bar

The status bar at the bottom right of the display provides device and service status information. To view notification alerts, touch the status bar.

Status Icons

Icon	Status
	Bluetooth® active
	Wi-Fi® active
	Network (full signal)
	Network (roaming)
	3G (data service)
	4G (data service)
	Airplane Mode
	Sync Active
	Alarm Set
	Battery (charging)
	Battery (full charge)

Notification Icons

Icon	Notification
	New email
	New Gmail
	Event
	USB connection
	Updates available
	Download complete
	Downloading
	Connected to a Digital Living Network Alliance (DLNA) certified device using AllShare Play
	Wi-Fi Direct is active and configured for a direct connection to another compatible device in the same direct communication mode
	Device is tethered via a supported USB cable connection
	Keyboard is active

Enter Text

You can type on your device using the available touchscreen QWERTY keyboard, or by speaking your inputs.

Text Input Methods

Your device offers several text input methods.

- **Google voice typing** allows you to speak your entries.
- **Samsung keyboard**: allows you to enter text by touching keys on a virtual QWERTY keyboard. Samsung keyboard includes optional predictive text, which matches your key touches to common words so you can select a word to insert it into your text.

- **Swype** lets you enter words by swiping across the virtual QWERTY keyboard. Instead of tapping each key, use your finger to trace over each letter of a word. You can also tap letters to enter words.

Select a Default Text Input Method

You can select a default Text Input Method from Settings, or choose on at any time while entering text.

From Settings:

- Press and tap > > **Language and input** > **Default**.

While entering text:

- From a screen where you can enter text, tap in the Status bar, and then tap an input method.

Google Voice Typing

This feature uses Google voice recognition to convert your spoken words into text.

Use Google Voice Typing to Enter Text

1. From a screen where you can enter text, tap in the Status bar, and then tap **Google voice typing**.
2. Speak into the microphone and watch your text being entered onscreen.
3. If the text is incorrect, tap **DELETE**.
4. Once you have completed entering your text, tap **Done**. The onscreen keyboard will reappear.

Note: Select a language by tapping at the bottom of the **Listening** area. Tap **Add more languages** to assign a new language via the Google voice typing menu. Removing the check mark from the **Automatic** field allows you to select additional languages.

Configure Google Voice Typing

- Tap and tap > > **Language and input** > **Google voice typing** > .

  – or –

  From a screen where you can enter text, tap in the Status bar, and then tap next to **Google voice typing**.

Samsung Keyboard

With Samsung Keyboard, it's easy to enter text, symbols, and numbers.

Use Samsung Keyboard to Enter Text

1. From a screen where you can enter text, tap in the Status bar, and then tap **Samsung keyboard**.
2. Tap keys to enter text. While entering text, use these options:
   - If you make a mistake, tap to delete incorrect characters. Touch and hold to delete a whole word or field.
   - Tap to change the case of the text. Tap twice to switch to all capitals.
   - Tap to switch to a symbols keyboard, to enter symbols. There are two symbol keyboards. Tap to switch between the symbol keyboards.
   - Tap to switch to Google Voice typing, to enter text by speaking.

Configure Samsung Keyboard

1. Tap and tap > > **Language and input**, and then tap next to **Samsung keyboard**.

   – or –

   From a screen where you can enter text, tap in the Status bar, and then tap next to **Samsung keyboard**.
2. Set any of the following options:
   - **Input language**: allows you to select the text input language. Choose from either **English (US)** or **Español**.
   - **Predictive text** enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Tap **Predictive text** to access the advanced settings.
   - **My word list** to add a list of words you commonly use within your sentences.
   - **T9 Trace** allows you to enter words by swiping between onscreen keys.
   - **Handwriting** enables the device to recognize onscreen handwriting and convert it to text.

- **Voice input** activates the Voice input feature. This feature uses Google's networked speech recognition application to convert speech into text.
- **Autocapitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
- **Auto-punctuate** automatically inserts a period at the end of a sentence when you tap the space bar twice while using the onscreen QWERTY keyboard.
- **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
- **Key-tap sound** enables auditory feedback when you tap an onscreen key.
- **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keyboard.
- **Reset settings** resets the keyboard settings back to their original configuration.

Swype

Swype lets you enter words by swiping across the virtual QWERTY keyboard. Instead of tapping each key, use your finger to trace over each letter of a word. You can also tap letters to enter words.

Swype provides next-letter prediction and regional error correction, which can compensate for tapping the wrong keys on the virtual QWERTY keyboards.

Use Swype to Enter Text

1. From a screen where you can enter text, tap in the Status bar, and then tap **Swype**.
2. Swipe your finger continuously over the letters to form a word. As you swipe over letters, words matching your pattern display at the top of the Swype keyboard. To enter a word, lift your finger, or tap a word at the top of the keyboard.
3. While entering text, use these options:
   - If you make a mistake, tap to delete a single character. Touch and hold to delete an entire word or field.
   - By default, Swype starts with a capital at the beginning of text. Tap to start with a capital letter, or tap twice to enter all capitals.
   - Tap to switch to a symbols keyboard, and then tap keys to enter symbols.

Configure Swype

1. Press and tap > > **Language and input**, and then tap next to **Swype**.

   – or –

   From the Swype keyboard, touch and hold to access Swype settings.

2. Tap **How to Swype** to view an on-screen manual for Swype.
3. Tap **Preferences** and configure any of the following advanced options:
   - **Sound on keypress** enables sounds generated by the Swype application.
   - **Show helpful tips** enables the device to display helpful tips
   - **Auto-spacing** inserts spaces automatically when you pause entering text.
   - **Autocapitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
   - **Show complete trace** briefly displays the Swype trace.
   - **Next word prediction** predicts the next word you are likely to enter. (A green check mark indicates the feature is enabled.)
   - **Reset Swype's dictionary** deletes any words you have added to Swype's dictionary.
   - **Version** displays the software version information.
4. Tap **Language Options** to activate and select the current text input language.
5. Tap **Swype Connect** to activate social media personalization and configure data settings.
   - **Facebook**: allows you to log into your current Facebook account from where contact names are added to your Swype personal dictionary for later use when you enter names into text fields. Helps recognize familiar names.
   - **Twitter**: allows you to sing into your existing Twitter account from where names and words are added to your personal dictionary. Helps recognize familiar names and words.
   - **Gmail**: allows you to sign in to your existing Gmail account from where existing contact information is added to your personal dictionary. Helps recognize familiar names.
   - **Contribute data usage**: when enabled, allows the Nuance® application to collect usage data for better word predictions.
   - **Cellular data**: when enabled, activates cellular data usage by the Swype application so it can receive program updates, language downloads, and other related features via your existing data connection.
6. Tap **Personal dictionary** to access and manage your personal dictionary.

7. Tap **Updates** to update the application if new software is available.

Tips for Editing Text

These tips allow you to cut or copy selected text and paste it into a separate selected area.

1. Touch and hold an active text entry field.
2. Double-tap the text you want to select.
3. Touch and drag one side of the slider across the screen and highlight the desired text.
4. Tap an onscreen option from the Edit text menu bar:
   -

highlights all characters in the selection.
   -

removes the selected text and saves it to the clipboard.
   -

copies the selected text.
5. Tap another area where you want to place text, and then tap an option:
   -

pastes the copied text into the selected field.
   -

stores the copied text. Tap this option to view and select any clipboard content.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your device as well as contacts synchronized with your Google account, your PC, compatible email programs (including Exchange Server), and your Facebook friends.

Get Started With Contacts

Before using Contacts, it's best to learn a few basics.

Your device automatically sorts the Contacts entries alphabetically. You can create a Google contact, a device contact, or a Corporate (Microsoft Exchange ActiveSync) contact.

- **Device** contacts are stored locally on the device.

Note: If the device is ever reset to its factory default parameters, locally stored contacts (device contacts) can be lost.

- **Google** contacts are shared with your existing Google account and can also be imported to your device after you have created a Google Mail account.
- **Microsoft Exchange ActiveSync** (also known as Work or Outlook) contacts are those contacts that are intended to be shared with either an Exchange Server or from within Microsoft® Outlook®.

The Contacts List

Your device automatically sorts the Contacts entries alphabetically. You can create either a **Google**, **Microsoft Exchange ActiveSync**, or **Device** contact.

- Press and tap > . You will see the Contacts list.
  - **Contacts List**: The Contacts list displays all contacts currently stored in your device, including Google contacts, Exchange ActiveSync contacts, Device contacts, and Facebook contacts.
  - **Create Contacts**: Tap to add a contact.

Scroll through the list to view all your contacts. To see a specific entry, scroll to it and tap it.

Tip: To quickly move to a specific section in your contact list, tap a letter on the right side of the list to go directly to that letter in the alphabetical list.

Contacts List Options

- From the Contacts list, tap to display the main contacts list options.
  - **Delete contacts**: erases the currently selected contact or contacts.
  - **Merge with Samsung account**: allows you to join your device contacts with an existing Samsung account.
  - **Merge with Google**: allows you to join your device contacts with an existing Google account.
  - **Send email:** allows you to send an email to the selected contact via **Gmail** or **Email.**

Note: Prior to sending an email, you must first add a Google or Email account.

  - **Send namecard via:** allows you to send contact entry information to a selected contact.
  - **Contacts to display**: allows you to select a specific location from which to pull contacts which will display in your Contacts list.
  - **Import/Export**: imports or exports the selected contact information from a specified location.
  - **Accounts:** displays your managed accounts.
  - **Settings:** displays options for viewing contacts, including whether to show only contacts with phone numbers and whether to list or display by first name or last name. There is also an option to select how contacts are transferred to another device, either individually or as a full group.

Add a Contact

You can add contacts directly from the Contacts application. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1. Press and tap > .
2. From the top of the screen, tap .
3. Tap a destination for the contact, such as **Google**, **Samsung account**, **Microsoft Exchange ActiveSync**, or **Device**.

Note: Available options depend on the accounts set up on your device. You will not see the option to select a destination unless you have previously set up a Google or Microsoft Exchange Active Sync account on the device.

1. On the **Create contact** screen, tap and assign a picture to the new entry by choosing one of three options:

   - **Picture**: retrieve a previously stored image from Dropbox or Gallery and assign it to this entry. Tap an image to assign the image to the contact and then tap **Done**. After selecting the picture, you will be prompted to **Crop** it to fit the contact picture ID area. Crop the picture and then tap **Done** to assign it.
   - **Take picture**: use the camera to take a new picture and assign it to this entry and then tap **Done**. After you take a picture, you will be prompted first to **Save** and **Crop** the picture before assigning it to the contact.

2. Tap the **Name** field and use the onscreen keyboard to enter the full name.

   – or –

   Tap next to the **Name** field to display additional name fields.

3. Tap the **Phone number** field and use the numerical keyboard to enter the number.

   - Tap the menu next to the Phone number field to select a label for the number, from **Mobile**, **Home**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, **Custom** (add your own label), or **Callback**.
   - Tap to add another **Phone number** field or tap to delete a field.

4. Tap the **Email address** field and use the keyboard to enter the email address.

   - Tap the menu next to the Email address field to select a label for the address, from **Home**, **Work**, **Other**, or **Custom** (add your own label).
   - Tap to add another Email address field or tap to delete a field.

5. Tap the **Address** field and use the keyboard to enter the address.

   - Tap the menu next to the **Address** field to select a label for the address, from **Home**, **Work**, **Other**, or **Custom** (add your own label).
   - Tap to add another address field or tap to delete a field.

6. Tap any of the following fields that you want to add to your new contact:

   - **Events**: tap to add a Birthday, Anniversary, Other, or Custom.
   - **Groups**: assign the contact to **Not assigned**, **Co-workers**, **Family**, or **Friends**. You may add other groups to the list. For more information, see Create Groups.

- **Add another field**: tap this button to add another field such as **Phonetic name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, **Internet call**, or **Relationship**.

7. Tap **Save** to save the new contact.

Edit a Contact

Once you've added a contact, you can add or edit any of the information in the entry, assign a picture, and more.

Add or Edit Information for a Contact

You can modify existing contact information to keep your information up-to-date.

1. Press and tap > .
2. Tap a contact to display it, and then tap .

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap any field you want to change or add. See Add a Contact.
4. Add or edit the information, and then tap **Save**.

Assign a Stored Picture to a Contact

Adding a picture to a contact entry creates a more personal and easily recognized entry. Below are procedures for adding a picture already stored in your Gallery.

1. Press and tap > .
2. Tap a contact to display it, and then tap .

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap or the currently assigned picture, and then tap **Picture**. See Open Gallery for more information.
4. Tap an onscreen image to prepare it for use.

5. Touch and drag along the sides of the blue border box to begin cropping the desired area, tap **Done**, and then tap **Save** to assign selected picture.

Assign a New Picture to a Contact

Below are procedures for adding a picture to a contact through taking a new photo.

1. Press and tap > .
2. Tap a contact to display it and then tap .

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap or the currently assigned picture, and then tap **Take picture**.
4. Tap until the shutter sounds. See Take Pictures for more information.
5. Tap **Save**.
6. Touch and drag along the sides of the blue border box to begin cropping the desired area.
7. Tap **Done** to assign the picture. Tap **Save** to save the contact.

Join a Contact

When you have contacts from various sources (Gmail, device, Facebook, etc.), you may have multiple similar entries for a single contact. Your device's Contacts application lets you link multiple entries into a single contact.

1. Press and tap > .
2. Tap a contact to display it, and then tap > **Join contact**.
3. Tap another entry to link it to the original contact.

Note: You can join up to five contacts in a single entry.

Delete a Contact

You can delete a contact from the contacts details page.

1. Press and tap > .
2. Tap a contact to display it, and then tap .

Tip: You can also touch and hold the contact and then tap **Delete**.

3. Tap **OK**.

Synchronize Contacts

Syncing data from your managed accounts allows you to add and manage a new or existing contact from your online or remote accounts to your device. Prior to syncing, you must first have an active Google or Corporate account with current Contact entries, and be signed into your account via the device.

With syncing, any Contacts entries (with phone numbers, email addresses, pictures, etc.) are updated and synced with your device.

For more information about syncing existing managed accounts.

To synchronize Gmail contacts:

1. Press and tap > > **Accounts and sync**.
2. Tap the Gmail account to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to synchronize. A green checkmark indicates the feature is enabled.

Note: In order to use **Sync Picasa Web Albums**, Picasa must be downloaded through your Gmail credentials.

4. Tap to return to the previous screen.

To synchronize Microsoft Exchange ActiveSync contacts:

1. Press and tap > > **Accounts and sync**.
2. Tap the **Microsoft Exchange ActiveSync** account to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to immediately synchronize.
    - **Sync Calendar** synchronizes your Exchange calendar entries between your device and the remote Exchange server.

- **Sync Contacts** synchronizes the contacts between your device and the remote Exchange server.
- **Sync Email** synchronizes your exchange email to any updated email existing on the remote Exchange server.
- **Sync Tasks** synchronizes your exchange calendar task entries between your device and the remote Exchange server.

Note: Any change on either side (**Device**, **Google**, or **Microsoft Exchange ActiveSync** Contacts), is reflected on the other side after a sync process. The process of updating your Contacts tab can take several minutes. If after 10-20 minutes, your list has not been updated, repeat steps 2-3.

Note: Your Contacts tab then reflects any updated Contact information.

Note: Syncing of contacts requires you are logged into your Gmail and Corporate accounts via the device.

Add Entries to Your Favorites

The Favorites tab is a listing that can help you quickly access your most used or preferred Contacts entries.

1. Press and tap > .
2. Touch and hold the entry name from the Contacts tab listing.
3. From the context menu, tap **Add to favorites**.

Note: Another method to add or remove an entry from your favorites is to toggle the state of the star icon on the Contact's details page next to the name. Tap to add the entry to your favorites (star is lit), tap again to remove.

Add Facebook Content to Your Contacts

You can add your Facebook contacts' information, such as pictures, email, and phone numbers directly to your Contacts list. All of the current contacts' information is then migrated over to your device.

Note: You must first have an active Facebook page populated with friends sharing their contact information.

If a Contacts entry already exists in with a slightly different name, separate entries are created and can later be linked (joined) together into a single entry. See Join a Contact.

Add Your Facebook Friends to Your Contacts

Before you can add your friends, you must add your Facebook account to the list of managed and synchronized accounts. This process is similar to synchronizing your email accounts.

This process not only synchronizes your contact information but also your status, events, and more.

1. Press and tap > > **Accounts and sync**.
2. Tap the Facebook account to reveal the account's synchronization settings screen.
3. Tap **Sync Contacts** to sync your Facebook contacts. If you want to synchronize immediately, tap **Sync now**.

Create Groups

This feature allows you to add a new or existing contact to a group. This group can be one of the already present groups (Family, Friends, or Work) or a user-created group.

To create a new group:

1. Press and tap > > **Groups**.
2. Tap .
3. Tap the **Group name** field and enter a name for the new group.
4. Tap **Add member** and select a member or members to add to the new Group list.
5. Tap **Done** when you are finished adding members, and then tap **Save**.

To add an existing contact to a current group:

1. Press and tap > > **Groups**.
2. Tap the existing group and tap .
3. From the list of contacts, tap the contact(s) you want to add. (A green check-mark appears next to the selected entries.)
4. Tap **Done** > **Save**.

To send an email message to a group:

1. Press and tap > > **Groups**.
2. Tap an existing group and then tap > **Send email**.
3. Select the recipients of the new message (indicated by a green checkmark) and then tap **Done**.
4. If prompted, select an email account for the message.
5. Type your message, and then tap .

Share a Contact

You can quickly share contacts using Bluetooth, email, or Gmail.

1. Press and tap > .
2. Tap a contact to display it, and then press and tap **Share namecard via**.
3. Send the current contact information to an external recipient via one of the following:
   - **Bluetooth** to send the information via Bluetooth. See Bluetooth for information on pairing and sending via Bluetooth.
   - **Dropbox**: to upload the entries to your remote Dropbox Web storage location.
   - **Email** to send the information as an email attachment. If prompted, select an email account. Address the message, add a subject and a message, and then tap **Send**. See Compose and Send Email for details on sending email.
   - **Gmail** to send the information as a Gmail attachment. Address the message, add a subject and a message, and then tap **Send**. See Send a Gmail Message for details.
   - **Wi-Fi Direct** to send the information via a device-to-device connection.

Note: Prior to using the Bluetooth feature, it must first be enabled, and the recipient's device must be visible.

Accounts and Messaging

With Sprint service and your device's messaging capabilities, you have the opportunity to share information through many different channels and accounts.

Gmail / Google

You will need a Google account to access several device features such as Gmail, Google Maps, Google Talk, and the Google Play applications. Before you can access Google applications, you must enter your account information. These applications sync between your device and your online Google account.

Create a Google Account

If you do not already have a Google account, you can create one online or using your device.

Note: You can also create and sign into your Google/Gmail account through your device's setup screens.

Note: Although you need a Gmail account to use certain features of your device, such as Google Play, you do not need to use Gmail as the default account for your device.

Create a Google Account Online

1. From a computer, launch a Web browser and navigate to www.google.com.
2. On the main page, click **Sign in** > **SIGN UP**.
3. Follow the onscreen prompts to create your free account.
4. Look for an email from Google in the email box you provided, and respond to the email to confirm and activate your new account.

Create a Google Account Using Your Device

You will need a Google account to access several device features such as Gmail, Google Maps, Google Talk, and the Google Play applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your device and your online Google account.

1. Press and tap > > **Accounts and sync**.
2. Tap **Add Account** > **Google** > **New**.
3. Follow the onscreen prompts to create your free account.

Sign In to Your Google Account

Below are procedures for signing into your Google account.

1. Press and tap > > **Accounts and sync**.
2. Tap **Add Account** > **Google** > **Existing**, and then enter your Google Account name and password.
3. Tap **Sign in** and follow the prompts to configure any additional options.

– or –

1. Launch an application that requires a Google account (such as Play Store or Gmail).
2. Tap **Existing** and then enter your existing user name and password.

Note: If you do not already have a Google account, tap **New** and follow the onscreen prompts to create your new account.

3. Tap **Sign in**. Your device communicates with the Google servers to confirm your information.

Access Gmail

Below are procedures for accessing your Gmail account.

1. Press and tap > (**Gmail**).
2. Do any of the following:
   - **View more email messages**: If the Inbox is full, swipe your finger up the screen to view more messages and conversations.
   - **Read a new email message**: Tap the unread message or the conversation with an unread message (just-arrived items display in bold).
   - **Select messages and conversations**: Tap the box before the email or conversation.
   - **View the Inbox of another Gmail account**:
     - Tap **Inbox** at the top of the screen and then tap the inbox of the Gmail account you want to view.

Send a Gmail Message

Below are procedures for sending a Gmail message.

1. Press and tap > .
2. From the Inbox, tap .
3. Enter the message recipient's email address in the **To** field.
   - You can add as many message recipients as you want.

Note: To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients tap **+CC/BCC**.

4. Tap the **Subject** field and enter the email subject.
5. Tap the **Compose email** field and compose your email.
   - To add a picture attachment, tap .
6. To send the message, tap **SEND**.
   - To save the current email as a draft, tap > **Save draft**. To later view your draft email messages, from the Inbox, tap **Inbox** and then tap **Drafts**.
   - To delete the current email message, tap > **Discard**.

Read and Reply to Gmail Messages

Below are procedures for reading and replying to Gmail messages.

1. Press and tap > .
2. Tap a message to display its contents.

Tip: You can also access new messages through the Notifications bar. When a new Gmail message arrives, you'll see the icon in the Notifications bar. Touch the notifications area to display notifications. Tap a message to display it.

3. Tap for Reply, for Reply All, or for Forward.
   - For **Reply** or **Reply All**, enter an additional message.

- For **Forward**, enter or select recipients and then enter an additional message.

Tip: To change your selected action, you can tap the drop-down box at the top of the compose screen (

) and then tap **Reply**, **Reply All**, or **Forward**.

4. To send the message, tap **SEND**.

Email

Use the Email application to send and receive email from your webmail or other accounts, using POP3 or IMAP. You can also access your Exchange ActiveSync email and other features on your device.

Add an Email Account

Email allows you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

1. Press and tap > > **Accounts and sync** > **Add account** > **Email**.

Note: You can also add email and corporate email accounts from the Email application. Tap > **Settings**, and then tap to display the **Set up email** screen.

2. Enter your email address in the **Email address** field.
3. Enter your password in the **Password** field and then tap **Next**.
   - Tapping **Next** prompts your device to attempt a “regular” email setup and test the incoming and outgoing servers.
   - If you have custom settings you need to configure, tap **Manual setup** and enter your settings. These may include mail type, user name, password, server, security type, etc.

Tip: If you want to see your password as it is being typed, tap **Show password**.

4. At the **Account options** screen, tap the **Email check frequency** drop-down list box and select how often you would like your email to be checked.
5. Tap any of the other options you would like to create a checkmark.
6. Tap **Next**.
7. Enter a name for this email account (optional), and then enter your name for outgoing messages.

8. Tap **Done**.

Add a Corporate Email Account

The main Email application also provides access to your Outlook Exchange server via your device. If your company uses Microsoft Exchange Server 2003, 2007, or 2010 as the corporate email system, you can use this email application to wirelessly synchronize your email, Contacts, and Task information directly with your company's Exchange server.

Important! This Outlook application does not utilize Microsoft® ActiveSync® to synchronize the device to your remote Exchange Server. This synchronization is done wirelessly over the air (OTA) and not via a direct connection.

Use the following procedure to synchronize your device with a corporate email account.

1. Press and tap > > **Accounts and sync** > **Add account** > **Microsoft Exchange ActiveSync**.

Note: You can also add email and corporate email accounts from the Email application. Tap > **Settings**, and then tap to display the **Set up email** screen.

2. Enter your **Email address** and **Password** information, and then tap **Manual setup**. Consult your Network Administrator for further details.
   - **Email address**: your Outlook work email address.
   - **Password**: typically your network access password (case-sensitive).
3. Enter a Domain\user name, Password, and Exchange Server information.
   - **Domain\user name**: Use the arrow keys to place your cursor before your user name and enter your network domain\desktop login user name.

Important! Key info here is the **Domain** information. Maintain the "\" between the Domain and user name.

   - **Password**: typically your network access password (case-sensitive).
   - **Exchange Server**: your exchange server remote email address. Typically starts with **mail.XXX.com**. Obtain this information from your company network administrator. Do not accept the default entry as this is a guess based on returned information.
   - If your network requires SSL encryption, tap the **Use secure connection (SSL)** field to place a checkmark in the box and activate this additional level of security.

Important! If your exchange server requires this feature, leaving this field unchecked can prevent connection.

Note: Signal interruptions or incorrect user name or password information can cause completion issues.

4. Read the onscreen activation disclaimer and, if prompted, tap **Next**.
5. Configure your **Email check frequency**, **Amount to synchronize** (days to synchronize between your device and server), and activate any other email settings, and then tap **Next**.
6. Identify your new account with a unique name and provide the outgoing name text then tap **Done**.

Note: You can have multiple Work Email (Microsoft Exchange ActiveSync) accounts active on your device.

Compose and Send Email

Compose and send email using any account you have set up on your device. Increase your productivity by attaching files such as pictures, videos, or documents to your email messages.

1. Press and tap .
2. From the Inbox, tap .
3. Select an email account. Tap the icon in the **From** field and select an available account.
4. Enter the message recipient's email address in the **To** field.
   - You can add as many message recipients as you want.
   - To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap **+Cc/Bcc**.
5. Tap the **Subject** field and enter the email subject.
6. Tap the text entry field and compose your email.
   - To add an attachment, tap . Choose from the following: **My Files**, **Images**, **Take picture**, **Video**, **Record video**, **Audio**, **Record audio**, **Memo**, **Calendar**, **Contacts**, or **Location**.
   - Tap to delete a selected attachment from your current email.
7. To send the message, tap .

Note: To delete the current email message, tap and choose whether or not to save it in drafts.

View and Reply to Email

Reading and replying to email on your device is as simple as on your computer.

1. Press and tap .
2. On the email account Inbox, tap a message to view it.
3. Tap (**Reply**) to reply to the sender, or (**Forward**) to forward the message.
   - If you're forwarding the message, add recipients in the **To** field.
4. Add a message (if desired) and then tap .

Manage Your Email Inbox

The following procedures allow you to view, refresh, sort, and delete your email messages.

View Your Email Inbox

1. Press and tap .
2. Tap the account name field (upper-left) to open the complete email account list page.
3. Select an email account and tap an email message.

Refresh an Email Account

Whatever your automatic synchronization settings are, you can also synchronize your sent and received email messages manually at any time.

1. Press and tap .
2. Select an email account.
   - If you are already in an email account, tap the account name field (upper-left) to open the complete email account list page.
   - Select an available email account.
3. Tap (**Refresh**).

Sort Email Messages

1. On the email account Inbox, tap > **Sort by**.
2. Select from the options to sort email messages by date received, sender, read/unread, favorites, attachments, or priority.

Delete an Email Message

1. On the email account Inbox, tap a message to display it..
2. Tap (**Delete)**.

Delete Multiple Email Messages

- Tap the checkmark boxes to the left of each email you want to delete and then tap (**Delete)**. Tap **Delete** to confirm.

Corporate Email Features

The following information provides details about specific email features that can enhance your experience.

Synchronize Exchange ActiveSync Email

You can set Exchange ActiveSync to automatically check for new Exchange ActiveSync email messages. See Synchronize Contacts for more information.

Flag Email Messages

For an Exchange ActiveSync account, you can flag email messages to help you keep track of them.

1. Press and tap .
2. On the email account Inbox, tap the flag icon to the right of the email message you wish to mark. The flag will turn red.

Set Out of Office Status

You can set your Out of Office status and auto-reply message right from your device.

1. Press and tap .
2. Tap > **More** > **Account settings** > **Out of office settings**.
3. Tap **On** and set the dates and times for the period when you will be out of the office.

4. Tap **Internal message settings** to modify the auto-replies to inter-office e-mail. Tap **External message settings** to modify the auto-replies to email received outside of your immediate office location
5. Tap **Set**.

Set Email Message Priority

You can set the priority for an email message you send with your Exchange ActiveSync account.

1. While composing the message, tap > **Priority**.
2. Choose from one of the following: **High**, **Normal**, or **Low**.

Edit Email Account Settings

You can edit settings for your individual email accounts, such as email address and password, name display and signature, frequency of retrieval, and more. Available settings depend on the account.

1. Press and tap .
2. Choose an email account from the menu at the left of the toolbar, and then tap > **Settings**.
3. Configure settings:
   - Tap **General preference** for general email preferences:
     - **Auto-advance**: allows you to select the screen that displays after you delete a message. Options include **Newer message**, **Older message**, and **Message list**.
     - **Message preview line**: lets you select how many lines of text to display in the message list.
     - **Email title**: lets you choose between **Subject** and **Sender** as the first, main line of each message.
     - **Confirm deletions**: allows you to choose whether to have your device prompt you to confirm when deleting emails.
     - **Quick responses**: allows you to create simple message responses to uses as quick replies.
   - Tap the account name to configure additional account settings.

Note: Not all options will be available for all email account types.

4. Press twice to return to the previous screen.

Delete an Email Account

If you no longer want an email account on your device, you can delete it through the mail settings menu.

1. Press and tap .
2. Choose an email account from the menu at the left of the toolbar, and then tap > **Settings** > **Delete account**.
3. Tap account(s) to mark them for deletion, and then tap **Delete**.

Add an Email or Gmail Widget

Add an Email or Gmail widget to view your email messages on a Home screen.

1. Touch and hold an open space on one of the home screens.
2. Tap **Add to Home screen** > **Apps and widgets**.
3. Tap the **Widgets** tab, and then tap and hold an email or Gmail widget.
4. Release the widget into an open space on one of your home pages.

Social Networking Accounts

Stay in touch on the go with all your social networking accounts. Post updates on Facebook and Twitter, review your LinkedIn contacts, see what everyone's talking about from YouTube, and more.

Facebook

Post updates, read what your friends are up to, upload pictures and check-ins, and more with on-the-go Facebook access.

Note: Before using Facebook on your device, you will need to download and install the Facebook app from the Google Play Store app.For more information, see Find and Install an App.

Sign in to Your Facebook Account

1. Press and tap > > **Accounts and Sync** > **Add account.**
2. Tap **Facebook (for syncing)**. If prompted, perform the following actions:

- Read the disclaimer and tap **Agree** to continue.
- Read the setup overview and tap **Next** to continue.

3. Enter your Facebook user name and password and tap **Log in**.
4. Select the information you want your Facebook account to synchronize with your device. Choose from:
   - **Sync all** to sync all of your Facebook friends and their information and status with your device.
   - **Sync with existing contacts** to sync Facebook messages with your existing Contact list.
   - **Don't sync** to prevent the device from syncing any of your Facebook information.
5. Tap **Sync**.

Note: You can also sign in to your Facebook account from the Facebook app. After downloading and installing the app, launch it from Google Play or from the apps screen. Follow the prompts to sign in to your account and select your sync preferences.

YouTube

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts, and other original videos.

YouTube is a data-intensive feature. Sprint recommends that you upgrade to an unlimited data plan to avoid additional data charges.

1. Press and tap > (**YouTube**).
2. Tap **Search YouTube** to open the onscreen keyboard and enter search terms to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. Tap to return to the previous page.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options tap the **ACCOUNT** tab. Select an account (if available) or create a new account. (Even if you sign in to YouTube via the Web, you must separately sign in via your device.)

Google Talk

Google Talk is a free Windows and Web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

For more information, visit www.google.com/talk/.

1. Press and tap > (**Talk**).
2. Tap **ADD ACCOUNT** to add a Google account to Google Talk.
   - Tap **New** to create a new Google account, or tap **Existing** to sign in to an existing Google account.
3. After entering your user name and password, tap **Sign in**.
4. Begin using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Note: If you have already signed into your Google account, it displays on the Talk application screen.

Applications and Entertainment

All your device's features are accessible through the Applications list.

DivX

DivX is a digital media format that provides your device with high-quality videos.

DivX Legal Information

This device recognizes DivX® encoded media files. DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu (tap **Apps** > **Settings** > **About device** > **Legal information** > **License settings** > **DivX® VOD** > **Register**). Go to www.divx.com/vod for more information on how to complete your registration. Google, the Google logo, Android, the Android logo, Google Play, Gmail, Google Mail, Google Maps, Google Music, Google Talk, Picasa, YouTube and other marks are trademarks of Google Inc.

If you try to play DivX VOD content not authorized for your device, the message "Authorization Error" will be displayed and your content will not play. Learn more at www.divx.com/vod.

Important! DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

Locate Your VOD Registration Number

Follow these procedures to locate your VOD registration number.

1. Press and tap > > **About device** > **Legal information** > **License settings** > **DivX® VOD** > **Register**.
2. Write down your Registration code.
3. Tap **OK**.

Register Your DivX Device for VOD Playback of Purchased Movies

To play purchased DivX movies on your device, you will first need to complete a one-time registration using both your device and your computer.

1. Write down the DivX registration code that appears onscreen. Copy this 8 or 10-digit number down.
2. Verify you have the latest DivX software running on your computer. Download the free player (for your computer) from www.divx.com/.
3. Open the DivX Player on your computer and from within the **VOD** menu and tap **Register a DivX Certified Device...**.
    - You are prompted to log in or create a DivX account if your account information has not already been saved in DivX Player.
4. Follow the instructions in DivX Player to enter the registration code from step 2 and create a device nickname (for example, "Kate" or "P500").
5. Choose a location on your computer to download the DivX registration video with the same title as your device nickname (for example, Kate.divx).
6. Follow the onscreen instructions to download the file and initiate the transfer process.
7. Connect your device to the computer via USB and transfer this video.
8. From the **Registration** screen (Transfer), select **USB** (the device) as the target destination for the registration video (created in step 6) and tap **Start**.
9. Press and tap > (**My files**).
10. Tap a folder and scroll down or up until you locate your registration DivX video file.
11. Tap the file to play it. Once you play the registration file on your device, your registration is complete.

Return to the DivX VOD Manager screen (from within your computer's DivX Player) and confirm both your computer and your new device appears in the list of registered DivX devices.

Note: There is no special registration or configuration necessary to play back DRM-free DivX movies. Registration of your device is only required for play back of protected DivX material.

Google Play Store

Google Play™ Store is the place to go to find new Android apps, games, movies, music, and books for your device. Choose from a wide variety of free and paid apps ranging from productivity apps to games. When you find an app you want, you can easily download and install it on your device.

To access Google Play™ Store, you must first connect to the Internet using your device's Wi-Fi or Sprint 4G or 3G data connection and sign in to your Google Account. See Web and Data and Sign In to Your Google Account for details.

Important! Sprint's policies often do not apply to third-party applications. Third-party applications may access your personal information or require Sprint to disclose your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, don't use the application.

Find and Install an App

When you install apps from the Google Play™ Store app and use them on your device, they may require access to your personal information (such as your location, contact data, and more) or access to certain functions or settings of your device. Download and install only apps that you trust.

1. Press and tap (**Play Store**).
2. Browse through the categories (**Apps**, **Music**, **Magazines**, **Books**, **Movies & TV**, or **Games**), find an app you're interested in, and tap the name.
3. Read the app descriptions.
4. Tap **Install** or **Download** (for free applications) or the price (for paid applications).

Important! Use caution with apps which request access to any personal data, functions, or significant amounts of data usage times.

Note: You need a Google Checkout account to purchase items from the Google Play Store app. See Create a Google Checkout Account to set up a Google Checkout account if you do not have one.

5. The subsequent screen notifies you whether the app will require access to your personal information or access to certain functions or settings of your device. If you agree to the conditions, tap **Accept & download** (for free apps) or **Accept & buy** (for paid apps) to begin downloading and installing the app.

6. If you selected a paid app, after tapping **Accept & buy**, you're redirected to the Google Checkout screen to pay for the application before it's downloaded to your device.

Warning! Read the notification carefully! Be especially cautious with apps that have access to many functions or a significant amount of your data. Once you tap **OK** on this screen, you are responsible for the results of using this item on your device.

Create a Google Checkout Account

You must have a Google Checkout account associated with your Google Account to purchase items from the Google Play Store app.

Do one of the following:

- On your computer, go to checkout.google.com to create a Google Checkout account.

  – or –

- The first time you use your device to buy an item from the Google Play Store app, you're prompted to enter your billing information to set up a Google Checkout account.

Warning! When you've used Google Checkout once to purchase an item from the Google Play Store app, the device remembers your password, so you don't need to enter it the next time. For this reason, you should secure your device to prevent others from using it without your permission. (For more information, see Security Settings.)

Request a Refund for a Paid App

If you are not satisfied with an app, you can ask for a refund within 24 hours of the purchase. Your credit card is not charged and the app is uninstalled from your device.

If you change your mind, you can install the app again, but you can't request a refund a second time.

1. Press and tap .
2. Tap > **INSTALLED** and tap the application you want removed and refunded.
3. Tap **Refund** and then tap **Yes** to confirm.

Open an Installed App

There are several options for opening an installed app.

- Press and tap > (the application).

– or –

1. Press and tap .
2. Tap > **INSTALLED** and tap the app to open it.

Uninstall an App

You can uninstall any app that you have downloaded and installed from Google Play.

1. Press and tap > > **Application manager** > **Downloaded**.
2. Tap the app you want to uninstall, and then tap **Uninstall**.
3. When prompted, tap **OK** to remove the app from your device.
4. Once the app is removed, tap **OK** again to return to the Application manager.

Get Help with Google Play

If you ever need help or have questions about the Google Play Store app, tap > > **Help**. The Web browser will take you to the Google Play Help Web page.

Navigation

Your device offers a number of location-based navigation programs to help you figure out where you are and get you where you're going.

Google Maps

Use the Google Maps application to find directions, location information, business addresses, etc. Determine your current location with or without GPS, get driving and transit directions and get phone numbers and addresses for local businesses.

Before you begin using this feature you must activate your GPS hardware and agree to share location information with Google.

To enable your device's GPS Location feature:

1. Press and tap > > **Location services**.
2. Tap **Use GPS satellites**. A green checkmark indicates the GPS location feature is enabled.
   - appears in the Notification area when the GPS is active.
   - appears in the Notification area when the GPS is communicating.

To launch the Google Maps application:

- Press and tap > (**Maps**).

To use Google Maps:

1. Press and tap > .
2. Tap the magnification icons to zoom in or out of the current map view. If the magnification icons aren't displayed, use the spread and pinch gestures to zoom in and out.
3. Tap to use other Google Map features.
4. Choose from: Clear Map, Make available offline, Latitude, My Places, Offers, Settings (Display, Cache, Location Settings, Labs, What's New, About, Feedback, Terms, Privacy & Notices), or Help.

To search for a keyword:

1. Press and tap > .
2. Tap , and then enter your search terms.
   - Search terms can be a category name (such as pizza, steak, burger), a business name (Samsung, Sprint), or a Google friend who is sharing their location.
3. Tap a result from the list of matches to see a detailed list of information corresponding to those matches now displayed on your screen with lettered pins.

Google Navigation

Navigation is another Google Maps navigation application available on your device. It uses your current location (provided by GPS communication to your device) to provide various location-based

services.

1. Press and tap > (**Navigation**).
2. Read the onscreen disclaimer and tap **Accept**.
3. Choose from the following onscreen options:
   - **Speak Destination** to use the voice recognition feature to search for matching locations in your area.
   - **Type Destination** to manually enter a destination address.
   - **Go home** to set your home address for easy access.
   - **Map** to display your current location on a map.

Latitude

With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location.

You must first set up your device to use wireless networks to help pinpoint your location. Latitude works best when Wi-Fi is enabled.

- Press and tap > (**Latitude**).

Music

Your device lets you discover, download, and listen to your favorite music through a variety of applications.

Music Player

The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching the Music Player allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Note: For information about loading music onto your device, see Transfer Files Between Your Device and a Computer.

Playing Music

1. Press and tap > (**Music Player**).
2. Tap a library category at the side of the screen (**Songs**, **Playlists**, **Albums**, **Artists**, **Genres**, **Folders**, **Composers**, **Years**, or **Music Square**) to view the available music files.
3. Scroll through the list of songs and tap an entry to begin playback.

Google Play Music

Google Play Music lets you browse, shop, and play back songs purchased from the Google Play Store app, as well as songs you have loaded from your own music library. The music you choose is automatically stored in your Google Music library and instantly ready to play or download.

Note: For information about loading music from your own music library, see Transfer Files Between Your Device and a Computer.

1. Press and tap > (**Play Music**).
2. If prompted, follow the onscreen instructions to link your current account to Google Play Music.
3. Tap an onscreen account to add it or select **Add account** to use a new account.
4. At the free songs screen, select either **Get free songs** or **Skip**.
   - Get free songs are downloaded via either the Internet or the Google Play Store app.
   - Follow the onscreen download and installation instructions.
5. Swipe left or right to browse through your music groupings (Recent, Artists, Albums, Songs, Playlists, and Genres).
6. Tap a category and then tap a song to open it and begin playback.

Changing Library View

You can change the way you view the contents of your music library.

1. Press and tap > .
2. Tap and then tap a view option: **Recent**, **Albums**, **Artists**, **Songs**, **Playlists**, or **Genres**.

Note: The contents of your library display in a scrolling grid or list view, depending on the view.

Searching for Music in Your Library

1. Press and tap > .
2. Tap to search through your available songs.
3. Type the name of an artist, album, song, or playlist. Matching songs are displayed in a list below the search box.
4. Tap a matching song to play it, tap a matching album, artist or playlist to view a list of its songs.

Changing Music Settings

1. Press and tap > .
2. Tap and then make a selection.
   - **Shuffle all**: Play all songs in a random order.
   - **Show/hide now playing bar**: Display or hide the now playing bar when you are using your tablet outside of Google Play Music.
   - **Choose on-device music**: Allows you to choose which albums, artists, or playlists to add to your device's storage.
   - **On device only**: Displays only the music that exists in your device's storage.
   - **Settings**: Provides access to the Play Music settings.
   - **Help**: Displays application help information.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset.

Press the volume keys on the top of the device to activate onscreen volume control and then touch and drag on the scale to set volume.

Playing Music

1. Press and tap > .
2. Tap a song in your library to listen to it.

   – or –

While viewing a list of songs, tap next to a song and tap **Play**.

– or –

While viewing a list of albums, artists, playlists, or genres, tap adjacent to the label and tap **Play**.

The song you touched or the first song in the album or playlist starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Displaying the Now Playing Screen

If you navigate away from the Now playing screen, to return to the Now playing screen from other Music screens:

- Tap the name of the current song in the Now Playing bar.

Tab Options

There are various options available from the various tabs:

1. Press and tap > .
2. Select one of the following tabs and tap to access an available option.
   - **RECENT**: to display the most recently played songs and albums.
   - **ALBUMS**: Play, Add to queue, Add to playlist, More by artist, or Shop for artist.
   - **ARTISTS**: Play, Add to queue, Add to playlist, or Shop for artist.
   - **SONGS**: Play, Add to queue, Make instant mix, Add to playlist, Shop for artist, Share, or Delete.
   - **PLAYLISTS**: Play, Add to queue, Keep on device, Rename, or Delete.
   - **GENRES**: Play or Add to queue.

Options While Playing a Song

When you play a song, the Now playing screen displays. There are various options and controls available while a song is playing:

1. Press and tap > .
2. Tap an album or song.

3. From the Now playing screen, tap to display the following options:
    - **Clear queue**: Lets you clear your current music queue.
    - **Save queue**: Lets you save your current music queue for later access.
    - **Settings**: Allows you to view all the Google Play Music settings.
        - **Google account**: allows you to connect to Google Play using your Gmail account.
        - **Hide unavailable music**: allows you to only display available music when offline.
        - **Automatically cache**: allows you to automatically store music without being prompted to do so.
        - **Stream via Wi-Fi only**: allows you to reduce data charges by only streaming music via Wi-Fi.
        - **Stream high quality**: allows you to stream music at the highest quality by default.
        - **Refresh**: allows you to refresh music from Google Play.
        - **Download via Wi-Fi only**: allows you to reduce data charges by only downloading music via Wi-Fi.
        - **Download queue**: allows you to display the songs currently downloading.
        - **Nexus Q settings**: allows you to navigate to the Internet or Play Store in order to download the Nexus Q app. If already installed, this option allows you to assign settings to the app itself. For more information, about the Nexus Q app., see play.google.com/store/apps/details?id=com.google.android.setupwarlock.
        - **Open source licenses**: allows you to view Open source licensing information for this application.
        - **Music version**: displays the software version of this application.
    - **Help**: opens the browser to the Google Play Help Web page.
4. Tap > **Add to playlist** to add the song to a playlist.
5. Tap the **ARTIST** name to view songs related to this artist.
6. Tap the **ALBUM** name to view or play other songs on the album.

Google Play Movies & TV

The Google Play Movies & TV application allows you to connect to the Google Play Store app, download a movie or TV show, and then watch it instantly. Choose from thousands of movies and TV shows, including new releases and HD titles in Google Play and stream them instantly on your

Android device. Previously rented titles are automatically added to your library across your devices. Learn more about Google Play Movies & TV at: play.google.com/about/movies.

1. Press and tap > (**Play Movies & TV**).
2. Log in to your Google account if you have not already done so. A list of videos displays in the Video list.
3. Follow the onscreen instructions for renting and viewing movies.
4. Tap the **My Rentals** tab to view movies you have rented.
5. Tap the **Personal Videos** tab to view movies you have on your device or memory card.

AllShare Play

Samsung's AllShare Play™ makes staying connected easy. Use AllShare Play to share content from your device with DLNA (Digital Living Network Alliance) devices.

Important! Both devices must be connected to the same Wi-Fi network and be using an active/registered Samsung account prior to using this application.

Access AllShare Play

1. Press and tap > (**AllShare Play**).
2. Follow the prompts to sign in to your Samsung account or create a new account. If prompted, read the onscreen message about network charges and tap **Yes** to continue and return to the main AllShare Play screen.
3. Tap **Start** and follow the onscreen prompts.

The application contains two separate streaming media options:

- **Registered storage** allows you to stream content from a Web storage service.
- **Registered devices** allows you to stream/share selected multimedia content from your device to DLNA-compliant devices connected to the same Wireless Access Point.

Configure AllShare Settings

The AllShare Play™ application must first be configured prior to its initial use. You must set up parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. Press and tap > .
2. Tap **Settings** and configure the following settings as desired:
   - **Refresh**: syncs the connection with other devices, to show available registered devices and storage.
   - **Register storage**: allows you to add a Web storage location, such as SugarSync. Without a storage service/location added, you will not be able to use AllShare Play.
   - **Join Group Cast**: allows you to share your device's screen with friends and colleagues. While you view documents and photos, or listen to music, your friends can also see or listen, in real time, on their own devices.
   - **Nearby devices**: searches for nearby DLNA devices.
   - **My account**: allows you to configure your Samsung account settings on your device.
   - **Settings**: allows you to configure AllShare Play settings.
   - **FAQ**: displays information about using AllShare Play.

Set Up Web Storage

SugarSync is a Web storage service that allows you to use up to 5GB of storage space to store your files and share them in the "cloud".

Note: If you are using another Web storage service, log into that service first before using AllShare Play.

1. Press and tap > .
2. Under **Registered storage**, tap , follow the prompts to sign in to SugarSync, or sign up for an account.
3. You can choose to download the SugarSync app or tap **Skip** to continue.
4. Once the process is complete, the Web storage icon or name appears in the **Registered storage** area of the AllShare Play screen.

Share Files via Web Storage

Files can be uploaded to a Web storage location, such as SugarSync, by either logging in to the service and sharing a folder on your computer with the storage location, or sharing files, images, and videos from your device.

Upload Files from Your Device to Web Storage

1. Press and tap > .
2. Tap the device name, and then tap the check box on each item you want to upload. Tap **Select all** to mark all files.

Note: To select multiple images, touch and hold an image to place a colored border around the selected images.

3. Tap , and then follow the prompts to upload the files to your registered web storage service.

Share Media via AllShare Play to a Target Device

Follow the procedures below to share media with a device through AllShare Play.

Important! Make sure all communicating devices are connected to the same Wi-Fi network.

1. Launch AllShare on a target device, such as an Internet TV, Samsung Tablet, etc.
2. On your device, press and tap > .
3. Tap your device name under the **Registered devices** list.
4. Tap an available category tab (**Photos**, **Music**, **Videos**, or **Files**) and select a file.
   - A file with in the upper left indicates it is stored remotely on a Web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.
5. Tap an available onscreen file, image, or video and then tap , and select a target to begin streaming the selected files.
6. On a target device (such as Internet TV), select the onscreen **Allow** button to continue.

Note: At this stage your device is requesting access to share media with the external source.

AllShare Play Screen Sharing via Group Cast

Follow the procedures below to share via Group Cast.

Important! Verify all of your recipients are connected to the same Wi-Fi network.

1. Press and tap > .
2. Select one or more items.
3. Tap > **Group Cast**.
4. Enter a security PIN and tap **Done**.
5. Your device waits for other connected recipients to accept the connection and enter the PIN on their screens.

   – or –

   Tap **Start Group Cast anyway** to continue the process while your users connect.

Peel Smart Remote

Peel lets you turn your tablet into a remote control. It's also a smart app that provides personalized TV recommendations. The more Peel learns about your TV preferences, the better the recommendations. You can tag shows as Favorites or Guilty Pleasures, or cut shows that don't interest you.

In addition, you can find and follow your friends to see their tagged shows, give and receive program recommendations, add your comments, and see what others are watching.

- Press and tap > (**Smart Remote**).

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available, entertaining your family on the go was never easier. You can rent or purchase your favorite content and watch from any location. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

Note: You must have the Samsung Account application installed and registered prior to using Media Hub.

Important! You must be using an active Wi-Fi/4G connection to preview and download a media file. The internal memory acts as a storage location for your downloaded rental or purchase.

Important! The Samsung account manages the access information (user name/password) to several applications, such as AllShare Play and Media Hub.

Creating a New Media Hub Account

Before you can rent or buy media using Samsung MediaHub, you must first create an account. Enter the required information.

1. Press and tap > (**Media Hub**).
2. Read the Terms and Conditions screen and then tap the **I agree to the Terms and Conditions** check box.
3. Tap **Accept** to continue or **Decline** to exit. The Media Hub screen displays.
4. Tap > **My Profile**.
5. Confirm your Samsung account email address and enter your password. Tap **Done** to confirm.

Use Media Hub

Follow the below procedures to use Media Hub.

1. Press and tap > (**Media Hub**).
2. **What's New** displays recently-added media, or use the tabs at the top of the screen, to browse for content:
   - **Home**: displays the Media Hub main screen.
   - **Movies**: displays movies that are available for rent or purchase. Scroll through the top navigation bar and select a movie category.
   - **TV Shows**: displays TV shows that are available for purchase. Scroll through the top navigation bar and select a TV category.
   - **My Media**: allows you to view media you have purchased or rented.
3. Tap an item you would like to purchase or rent, and then follow the prompts to enter enter payment information and download the media (if applicable). Downloaded media is stored in the **My Media** folder.

Media Hub Notices

The following information outlines notices regarding the use of Media Hub.

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
- You may choose to remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you'd like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.
- You MUST be in network coverage to license Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
- Media Content is downloaded and saved onto the SD card.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
    - Stopping, pausing or restarting rented Media Content does not extend the available viewing time.
    - In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (for example, if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- You cannot play any media content downloaded from Media Hub through any output on your mobile device, including All Share.

Web and Data

The following topics address your device's data connections and Internet use. Additional data-related features can be found in Accounts and Messaging, Applications and Entertainment, and Tools and Calendar.

Your device's data capabilities let you wirelessly access the Internet or your corporate network through a variety of connections, including:

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your device's Wi-Fi, you need access to a wireless access point or "hotspot".

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Note: The **Sprint Connections Optimizer** allows your device to connect automatically to the best available data network, including "remembered" Wi-Fi networks. To turn Sprint Connections Optimizer on or off, tap and tap > > **More settings** > **Mobile networks** > **Connections optimizer** and check or uncheck the box.

Turn Wi-Fi On and Connect to a Wireless Network

By default, your device's Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range Wi-Fi networks (or WAPs - wireless access points).

Turn Wi-Fi on:

- Press and tap > > **Wi-Fi**. The ON/OFF slider displays ON when Wi-Fi is active.

Tip: You can also turn Wi-Fi on and off through the Notifications panel. Tap the notifications bar to display the notifications panel and tap **Wi-Fi** to enable or disable Wi-Fi.

Note: Wi-Fi networks are self-discoverable, which means no additional steps are required for your device to connect to a Wi-Fi network. It may be necessary to provide a user name and password for certain closed wireless networks.

To connect to a Wi-Fi network:

1. Press and tap > > **Wi-Fi**.
2. The network names and security settings (Open network or Secured with xxx) of detected Wi-Fi networks are displayed.
   - When you select an open network, you will be automatically connected to the network.
   - When you select a secured network, you will need to enter the wireless password to connect to the network. Enter the password and tap **Connect**. You can use the **show password** option to display the password as you enter it.

To manually add a new network connection:

1. Tap **Add Wi-Fi network**.
2. Enter the Network SSID. This is the name of your Wi-Fi network.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target network.
   - If you're adding a network secured by a password, enter it in the Password field.
4. Tap **Save** to store the new information and connect to the Wi-Fi network.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the wireless password again, unless you reset your device back to its factory default settings.

To manually scan for a Wi-Fi network:

1. Press and tap > > **Wi-Fi**.
2. Tap **Scan**.

Check the Wireless Network Status

The following information is designed to help you check your wireless connection.

1. Press and tap > > **Wi-Fi**.
2. Tap the wireless network that the device is currently connected to. You will see a message box showing the Wi-Fi network name, status, speed, signal strength, and other details.

Note: If you want to remove the device's wireless network settings, tap **Forget** on this window. You will need to enter the settings again if you want to connect to this wireless network.

3. The following icons show your Wi-Fi connection status at a glance:

Wi-Fi is connected and active.

Wi-Fi active but there is a communication issue with the target Wireless Access Point (WAP).

Connect to a Different Wi-Fi Network

The following information is designed to help you connect your device to a different Wi-Fi network.

1. Press and tap > > **Wi-Fi**.
   - Detected Wi-Fi networks are displayed. To manually scan for available Wi-Fi networks, on the Wi-Fi settings screen, tap **Scan**.
2. Tap another Wi-Fi network to connect to it.

Note: If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, and tap **Add network**. Enter the wireless network settings and tap **Save**.

Sprint Connections Optimizer

The Sprint Connections Optimizer is a tool that automatically selects the best mobile network for your device, including "remembered" Wi-Fi networks.

The Sprint Connections Optimizer helps you manage and enhance your data experience by finding and connecting to "remembered" Wi-Fi networks on your device. Remembered Wi-Fi networks are networks with which you have previously chosen to connect. Active Wi-Fi connections may offer improved performance and generally improve battery life.

The Sprint Connections Optimizer works by searching for available "remembered" Wi-Fi networks. If you do not leave your Wi-Fi antenna on all the time, you will only notice the Sprint Connections Optimizer operating at certain times of the day in a small number of locations on the Sprint network. Your Wi-Fi antenna will conserve battery by scanning for connections periodically (not continuously), and if no connection is achieved, the antennas will be turned off. You may also manually turn the antennas off during the scan period.

To facilitate quality assurance and enable feature enhancements, information is collected about your battery levels, Wi-Fi and Sprint Network connections and usage. No personal information is collected.

Enable Sprint Connections Optimizer

1. Press and tap > > **More settings** > **Mobile networks** > **Connections optimizer**.
2. Read the disclaimer and tap **I Agree** to turn Sprint Connections Optimizer on.

Disable Sprint Connections Optimizer

3. Press and tap > > **More settings** > **Mobile networks** > **Connections optimizer**.
4. Uncheck the box on the Sprint Connections Optimizer page.

Data Services (Sprint 3G)

With your Sprint service, you are ready to start enjoying the advantages of data services. The following topics will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your device.

Important! Certain data services requests may require additional time to process. While your device is loading the requested service, the touchscreen keyboard may appear unresponsive when in fact it is functioning properly. Allow the device some time to process your data usage request.

Your Data Services User Name

When you buy your device and sign up for service, you're automatically assigned a user name, which is typically based on your name and a number, followed by "@sprintpcs.com". (For example, the third John Smith to sign up for Sprint data services might have jsmith003@sprintpcs.com as his user name.)

When you use data services, your user name is submitted to identify you to the Nationwide Sprint Network. Your user name is automatically programmed into your device. You don't have to enter it.

Update Your User Name

If you choose to change your user name and select a new one online, or make any changes to your services, you must then update the profile on your device.

1. Press and tap > > **System update**.
2. Tap Update Profile.

Launch a Web Connection

Follow the below procedure to launch a Web connection.

- Press and tap (**Internet**). (Your data connection starts and you see the home page.)

The Internet browser automatically launches when a Web link is touched from an email.

4G Services

4G is a service that must be included in your service plan and also available within your area. 4G coverage is currently available in only certain markets. For more details on 4G availability go to: www.sprint.com/4G and click **See the coverage map**.

Note: If 4G service is not included in your service plan, the 4G icon will not appear in the Notifications area.

4G is up to 10x faster than 3G (based on download speed comparison of 3G's ~600 kbps vs. 4G's ~ 6 Mbps). (Actual speeds may vary.)

Not all services are available on 4G and coverage may default to 3G/separate network where 4G unavailable.

Important! 4G service must be added to your account before attempting a connection to the 4G network.

Depending on which icons appear within the Notifications area, your services and features will change. The following table indicates what functions and features are available when combinations of these service icons appear:

Icon	Description
	3G Service – Sprint 3G service is available and active. The arrows are colored when data is transferring.
	4G Service – Sprint 4G data service is available and active. The arrows are colored when data is transferring.

Virtual Private Networks (VPN)

From your device, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

Prepare Your Device for VPN Connection

Depending on the type of VPN, you may be required to enter your login credentials or install security certificates before you can connect to the local network. You can get this information from your network administrator.

Before you can initiate a VPN connection, establish a Wi-Fi or data connection. For information about setting up and using these connections on your device, see Launch a Web Connection and Turn Wi-Fi On and Connect to a Wireless Network.

Set Up Trusted Credential Storage

If your network administrator instructs you to download and install security certificates for VPN access, you must first set up the device's secure credential storage.

1. Press and tap > > **Security**, and then tap **Screen lock** > **Password**.
2. Enter a new password (at least eight characters without any spaces), tap **Continue**, re-enter the password, and then tap **OK**.
3. From the Security menu, tap **Trusted credentials** and then tap your preferred System and User credentials.

You can then download and install the certificates needed to access your local network. Your network administrator can tell you how to do this.

Add a VPN Connection

The following procedures outline the method to use when adding a VPN connection.

1. Press and tap > > **More settings** > **VPN**.
2. Tap **Add VPN network**, and then enter the information for the VPN you want to add.
   - Information includes **Name**, **Type**, **Server address**, **PPP encryption (MPPE)**, and **Show advanced options**.
3. When finished, tap **Save**.

The VPN is then added to the VPNs section of the VPN settings screen.

Connect to a VPN

The following describes how to connect to a VPN.

1. Press and tap > > **More settings** > **VPN**.
2. In the VPNs section, tap the VPN that you want to connect to.
3. When prompted, enter your login credentials, and then tap **Connect**. When you are connected, the VPN connected icon appears in the notification area of the title bar.
4. Open the Web browser to access resources such as intranet sites on your corporate network.

Disconnect from a VPN

The following describes how to disconnect from a VPN connection.

1. Touch and hold the title bar, and then drag down to open the Notifications panel.
2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your device has disconnected from the VPN, the VPN disconnected icon displays in the notification area of the title bar.

Internet

The Internet app provides a browser for access to the Web on the go, using 3G, 4G, or Wi-Fi data connections.

Learn to Navigate Internet

Navigating menus and websites during a data session is easy with a few basics.

Scrolling

As with other parts of your device's menu, you'll have to drag up and down to see everything on some websites.

To scroll through a website's page:

- Touch and drag across or up and down a page.

Selecting

To select onscreen items or links:

- Drag across a page, and then tap an onscreen link to select the link.

Links, which are displayed as underlined text, allow you to jump to Web pages or select special functions.

Pinching and Zooming

Zooming in and out on a Web page can be done now without the need of an onscreen zoom tool. Just use your fingers to pinch in or spread out on the screen.

To zoom in:

1. Place your thumb and index finger on the screen.
2. Expand them outward (spread) to zoom in.

To zoom out:

1. Place your thumb and index finger on the screen.
2. Bring them together (pinch) to zoom out.

Go Back

To go back one page:

- Touch on your device. Repeat this process to keep going back through your Web page history of recently visited pages.

Go to a Web Page

1. Tap the **Address** field (top of the browser window) and enter a new Web address.
   - As you enter the address, possible matches are displayed within an onscreen list. Tap an entry to launch the desired website.
2. Tap **Go** to launch the new page.

Internet Options

The Internet menu offers additional options to expand your use of the Web on your device.

1. Press and tap .
2. Tap for options:

- **New tab**: opens a new browser tab.
- **New incognito tab**: opens a new browser tab, for browsing incognito.
- **Add shortcut to home screen**: allows you to add a shortcut to your Home screen.
- **Share page**: allows you to share the page using Gmail or as a message.
- **Find on page**: allows you to search in the current page.
- **Desktop view**: allows you to assign the browser to display the current page in the desktop view (to closely mimic the display as it would appear on a Desktop computer).
- **Save for offline reading**: saves the Web page so you can read it later even when offline.
- **Downloads**: displays the download history.
- **Print**: allows you to print the screen or Web page on a Samsung printer using Wi-Fi.
- **Settings**: allows you to modify your Web settings. For more information, refer to Adjust Internet Settings.

Select Text on a Web Page

You can highlight text on a Web page and copy it, search for it, or share it.

1. While on an active Web page, scroll to the area containing the desired text.
2. Touch and hold the screen area to select any word or character within the content.
3. Touch and drag across the screen and highlight the desired text. The selected text will appear highlighted.
4. Select an onscreen option:
   - (**Select all**): Tap to select all text on the Web page.
   - (**Copy**): Tap to copy the selected text.
   - (**Share**): Tap to share the item using one of the following options: **Bluetooth**, **Dropbox**, **Email**, **Gmail**, **Google+**, or **Wi-Fi Direct**.
   - **Find**: to search for all instances of the selected text within the Web page.
   - **Web Search**: to search for the selected text on the Web.

Go to a Specific Website

Just like any other browser, you can use the URL field to enter a website address and go to a specific website.

1. Tap the **URL** field and enter a website address.
    - As you type the address, if your desired website appears within the suggested sites list, tap the entry to begin surfing.
2. Tap **Go**.

Note: Not all websites are viewable on your device.

Adjust Internet Settings

You can change the page settings for your browser, including default zoom level, pop-up blocking, display options, and setting your home page. You can also change your browser's security and privacy settings, including history, cache, whether or not to save passwords, and other data settings.

1. Press and tap .
2. From any open Web page, tap > **Settings**.
3. Select from one of the following settings:
    - General
        - **Set home page**: Sets the current home page for the Web browser.
        - **Form auto-fill**: allows you to fill in Web forms with a single tap.
        - **Auto-fill text**: allows you to enter text to be used in the Form auto-fill feature.
    - **Privacy and security**
        - **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process.
        - **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process.
        - **Show security warnings**: Notifies you if there is a security issue with the current website.
        - **Accept cookies**: Allows sites that require cookies, to save and read cookies from your device.
        - **Clear all cookie data**: Deletes all current browser cookie files.

- **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data**: Deletes any stored data from previously filled out forms. Tap **OK** to complete the process.
- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords**: Stores user names and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored user names or passwords. Tap **OK** to complete the process.
- **Enable notifications**: Enables notifications for all websites. Choose from: **Always on**, **On demand** (user driven), or **Off**.
- **Clear notifications**: Clears Web notification access for all websites. Tap **OK** to complete the process.

- Accessibility
  - **Force zoom**: allows you to override the website's request to control zoom.
  - **Text size**: allows you to preview the text size. You can also adjust the following using a slider bar: **Scale text up and down**, **Zoom amount on double tap**, and **Minimum font size**.
  - **Minimum font size**: allows you to set the minimum font size using a slider bar.
  - **Inverted rendering**: allows you to preview a website with inverted colors (black becomes white and vice versa). Tap **Inverted rendering** to activate the feature and tap the **Contrast** slider bar to adjust the color contrast.
  - **Contrast**: allows you to set the contrast when using Inverted rendering.
- Advanced
  - **Select search engine**: allows you to set your default search engine to Google, Yahoo! , or Bing.
  - **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
  - **Enable JavaScript**: Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
  - **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.
  - **Default storage**: Allows you to set your default storage to Device or Memory Card.

- **Website settings**: View advanced settings for individual websites.
- **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
- **Open pages in overview**: Shows an overview of newly opened Web pages.
- **Auto-fit pages**: Allows Web pages to be resized to fit as much of the screen as possible.
- **Block pop-ups**: Prevents popup advertisement or windows from appearing onscreen. Remove the checkmark to disable this function.
- **Text encoding**: Adjusts the current text encoding.
- **Reset to default**: Clears all browser data and resets all settings to default.

- Bandwidth management
  - **Preload search results**: Allows the browser to preload high confidence search results in the background to help speed up searches.
  - **Load images**: Allows Web page images to be loaded along with the other text components of a loaded website.
- Labs
  - **Quick controls**: allows you to open quick controls and hide the app and URL bars by swiping your thumb from the left or right edge of the screen.
  - **Google Instant**: allows the browser to display results as you type search terms.

Reset the Internet Options to Default

You always have the option to restore your browser to its default settings.

1. Press and tap .
2. Tap > **Settings** > **Advanced** > **Reset to default**.
3. Tap **OK** to complete the process.

Set the Home Page

Customize your Web experience by setting your browser's home page.

1. Press and tap .
2. Tap > **Settings** > **General** > **Set home page**.
3. Select **Current page**, **Blank page**, **Default page**, **Most visited sites**, or **Other**. If you select **Other**, enter a URL for the new home page and tap **OK**.

Create Bookmarks

Make browsing easier by setting up and using custom bookmarks.

1. From any open Web page, tap . Three tabs are revealed:
   - **Bookmarks**: Displays a list of your current Web bookmarks.
   - **History**: Displays a record of your browsing history. These records are organized into folders such as: **Today** and **Last 7 days**.
   - **Saved pages**: Displays a list of Web pages that have been visited the most.
2. Tap .
3. Enter a descriptive name for the new bookmark and tap **OK** to store the new entry to your Bookmarks list.

Create Bookmarks From Other Tabs

1. From any open Web page, tap .
2. Tap either the **History** or **Saved pages** tab.
3. Touch and hold an entry from the list to display an onscreen popup menu.
4. Tap **Add bookmark** to add the selected entry to your current list of bookmarks.

– or –

1. Repeat steps 1 and 2 above.
2. Tap the star icon adjacent to a website address. The star now turns gold. This adds the “starred” website to your current Bookmarks list.

Create a New Homepage

Follow the below procedures to create a new homepage.

1. From any open Web page, tap .
2. Tap either History or Saved pages.
3. Touch and hold an entry from the list to display an onscreen popup menu.
4. Tap **Set as homepage** to assign the selected entry as your new homepage.

Add Bookmarks to Your Home Screen

Follow the below procedures to add bookmarks to the device's home screen.

1. From any open Web page, tap .
2. Touch and hold an existing entry from the list to display an onscreen popup menu.
3. Tap **Add shortcut to Home** to add the selected entry to your Home screen.

Sprint Hotspot

Sprint Mobile Hotspot allows you to turn your device into a Wi-Fi hotspot. The feature works best when used in conjunction with 4G data services (although 3G service can also be used). See 4G Services for more information.

To set up Sprint Hotspot:

1. Press and tap > (**Sprint Hotspot**)
2. Tap the ON/OFF slider next to **Sprint Hotspot** to toggle Sprint Hotspot ON and activate the service.
   - When active, the Notifications area of the status bar shows **Hotspot activated**.

Note: Connect your charger to your device if you plan to use Sprint Hotspot for an extended period.

Important! Upon activation, any current Wi-Fi connection to an access point is terminated.

To connect to Sprint Hotspot:

1. Enable Wi-Fi on your target device (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the device and select your hotspot from the network list.
   - The network name for Sprint Hotspot on your device will be in the form of **SPH-P500XXX**. (“XXX” represents a number unique to your device.)You can change the name by tapping

Sprint Hotspot settings from the Sprint Hotspot screen.

3. Select this device and follow your onscreen instructions to enter the passkey (provided on the Sprint Hotspot page).
4. Launch your Web browser to confirm you have an Internet connection.

To adjust your Sprint Hotspot settings:

1. Press and tap > > **Configure**.
2. Configure the Sprint Hotspot name (**Network SSID**), visibility to other devices (**Hide my device)**, security (**Security**, **Password**, **Show password**), and advanced options (including Broadcast channel and Maximum connections).
3. Tap **Save** to store the new hotspot settings.

Camera and Video

You can use the camera or camcorder to take and share pictures and videos. Your device comes with a 3.0 megapixel camera with an autofocus feature that lets you capture sharp pictures and videos.

Take Pictures

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, and then tapping the camera key.

Open the Camera

Follow the below procedure to access your device's camera.

- To open the camera in photo mode and take photos, press and tap (**Camera**).

Viewfinder Screen

You'll find the following controls on the Viewfinder screen.

Note: You can customize the onscreen shortcuts. Tap and hold an icon to display available options, and then drag a new icon to replace the existing icon.

- (**Front/back lens**): allows you to set the front camera so you can take pictures of yourself or video chat.
- (**Shooting mode**): allows you to set the mode type for image output.
- (**Timer**): allows you to set a delay between tapping the Shutter release button and taking a picture.
- (**Effects**): allows you to apply an effect to pictures you take.
- (**Contrast**): allows you to set the contrast for pictures.

- (**Settings**): allows you to configure options for the Camera.
- (**Camera / Camcorder Mode**): allows you switch between Camera mode to take pictures, and Camcorder modes, to record videos . Slide the button up for Camera, or down for Camcorder.
- (**Shutter release**): takes a picture, or starts recording video. Tap again to stop recording.
- (**Gallery**): allows you to browse and view the photos and videos on your storage card.

Review Pictures and Videos

After capturing a photo or video, you can tap (**Gallery**) to view, send, or delete the picture or video.

Available options are:

- (**Share**): offers several ways to share your picture or video. Options include: **Group Cast**, **Dropbox**, **Picasa**, **Photo editor**, **Google+**, **Bluetooth**, **Wi-Fi Direct**, **Gmail**, and **Email**. Other options may be available, depending on account set up on your device, and the type of file.
- (**Slideshow**) allows you to see your photos in a slideshow or access the slideshow settings.
- (**Delete**): allows you to delete the current picture. Tap **OK** to delete or **Cancel**.
- (**Menu**): allows you to select one of the following:
  - **Face tag**: allows you add embedded tag information about those in your image.
  - **Copy to clipboard**: allows you to copy one or more pictures to a different folder.
  - **Rotate left**: allows you to rotate the view of the current image in a counterclockwise direction.

- **Rotate right**: allows you to rotate the view of the current image in a clockwise direction.
- **Crop**: provides an on-screen box that allows you to crop the current picture. Tap **Save** to update the image with the new dimensions or tap Discard to ignore any changes.
- **Edit**: launches the photo editor application. This application can be downloaded from the Google Play Store app.
- **Set as**: allows you to assign the current image as a Contact photo, or as wallpaper for the Home screen, Lock screen, or both Home and Lock screens.
- **Buddy photo share**: allows you to share the current image with people in the picture.
- **Print**: allows you to print the current image on a optional, compatible Samsung printer (not included).
- **Rename**: allows you to rename the current file.
- **Details**: files details such as Title, Type, Date taken, Album, Location, Latitude, Longitude, etc.

Take a Picture

You can take high-resolution pictures using your device's 3.0 MP digital camera.

Note: By default, the main Home screen contains a shortcut to Camera. If you delete it, or if you want to access the camera from another Home screen, press and tap > (**Camera** .

1. Press and tap (**Camera**).
2. Using the device's main display screen as a viewfinder, compose your picture by aiming the camera at the subject. If desired, before taking the photo, you can tap onscreen icons to access various camera options and settings.
3. Tap .

Note: To enable GPS tagging, tap > **GPS tag** > **On**.

Close the Camera

Follow the procedure below to close your device's camera.

- On the camera screen, tap .

Record Videos

In addition to taking pictures, you can record, view, and send videos with your device's built-in video camera.

1. Press and tap (**Camera**).
2. Slide to activate camcorder mode.
3. Use the display screen as a viewfinder and aim the camera lens at your subject.
4. Tap to begin recording.
5. When you want to pause or stop recording, tap .

Camera Settings

Use Camera settings to configure Camera options.

- Tap in the menu panel to display the Settings menu and access more camera settings. You can change the following settings from the Settings menu.
  - **Edit shortcuts**: allows you to set shortcut icons for the settings that you use the most.
  - **Self-portrait**: allows you to set the front camera so you can take pictures of yourself or video chat.
  - **Shooting mode**: allows you to set the shooting mode. Choose from the following options:
    - **Single shot**: take a single photo and view it before returning to the shooting mode.
    - **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
    - **Panorama**: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area wherein the second part of the panoramic picture should fall.

- **Scene mode**: allows you to set the Scene to help take the best pictures possible. Options include **None, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall Color, Firework, Candlelight,** and **Backlight**.
- **Exposure value**: allows you to adjust the overall image brightness. Use the slider to adjust the value.
- **Timer**: allows you to set a timer for how long to wait before taking a picture. Options include: **Off, 2 sec, 5 sec,** and **10 sec**.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: **No effect**, **Negative**, **Black and white**, and **Sepia**.
- **Resolution**: allows you to set the image size, to **3.2M (2048x1536)**, **W2.4M (2048x1152)**, **2M (1600x1200)**, **W1.3M (1536x864)**, **1.3M (1280x960)**, **W0.9M (1280x720)**, or **0.3M (640x480)**.
- **White balance**: allows you to set this option to one of the following choices: **Auto, Daylight, Cloudy, Incandescent,** or **Fluorescent**.
- **Metering**: allows you to set how the camera measures or meters the light source: **Center-weighted, Spot**, or **Matrix**.
- **Guidelines**: allows you to turn the guidelines **On** or **Off**.
- **GPS tag**: allows you to turn GPS **On** or **Off**. The location where the picture is taken is attached to the picture. (Only available in Camera mode.)
- **Storage**: allows you to configure the default storage location for images or videos as **Device** or an optional **Memory card** (not included), if a memory card is installed.
- **Reset**: allows you to reset all camera or camcorder settings to the default values.

Camcorder Settings

Configure options for recording video.

- Tap in the menu panel to display the Settings menu and access camcorder settings. You can change the following settings from the Settings menu:
  - **Edit shortcuts**: allows you to set shortcut icons for the settings that you use the most.
  - **Self-recording**: allows you to set the front camera so you can take videos of yourself or video chat.
  - **Recording mode**: allows you to set the recording mode to either **Normal** (limited only by available space on the storage location) or **Limit for Email** (limited by Email attachment size restrictions).
  - **Exposure value**: allows you to adjust the brightness level.

- **Timer**: allows you to set a timer for how long to wait before taking a video. Choose from: **Off**, **2 sec**, **5 sec**, or **10 sec**.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Choose from: **No effect**, **Negative**, **Black and white**, or **Sepia**.
- **Resolution**: allows you to set the image size to **1280x720**, **720x480**, **640x480**, or **320x240**.
- **White balance**: allows you to adjust color casts in your video. Choose from: **Auto**, **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**.
- **Guidelines**: allows you to turn the guidelines **On** or **Off**.
- **Storage**: allows you to configure the default storage location for images or videos as **Device** or an optional **Memory card** (not included), if a memory card is installed.
- **Reset**: allows you to reset all camera or camcorder settings to the default values.

View Pictures and Videos Using Gallery

Using the Gallery application, you can view photos and watch videos that you've taken with your device's camera, downloaded, or copied onto your storage card.

For photos that are on your storage card, you can do basic editing such as rotating and cropping. You can also easily make a photo as your contact picture or wallpaper and share photos with your friends.

Open Gallery

The Gallery is where you can access the Gallery of stored camera images.

1. Press and tap (**Gallery**).
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. From the image folder, do one of the following:
   - Touch and hold any desired images to select them (indicated by a light blue outline).
   - Tap an image to display it in full screen view.

Note: A complete list of **More** menu options is available only if a single image is selected.

4. Press to close the Gallery.

Folders in your storage card that contain photos and videos will also be treated as albums and will be listed below the preset albums. The actual folder names will be used as the album names. If you have downloaded any photos and videos, these will be placed in the **All downloads** album.

While viewing pictures in the Gallery, scroll up the screen to view more albums. Simply tap an album to view the photos or videos in that album.

Note: Depending on the number of pictures stored on the microSD card, it may take some time for Gallery to load all your photos on the screen.

View Photos and Videos

After selecting an album from the Albums tab, you can browse through the photos and videos of that album in either photo pile or grid view. Tap a photo or video to view it in full screen.

Viewing Photos

- Tap a thumbnail to view the picture. See Review Pictures and Videos.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. Touch and hold a video to select it. A light blue outline will appear around the thumbnail. Choose from the following options:
   - (**Share**): offers several ways to share your picture or video. Options may include: **Bluetooth**, **Wi-Fi Direct**, **Dropbox**, **Google+**, **YouTube**, **Gmail**, or **Email**.
   - (**Delete**): allows you to delete the current video. Tap **OK** to delete or **Cancel**.
2. Tap a thumbnail to play the video.

Zoom In or Out on a Photo

There are two ways you can zoom in or out of a photo.

- Tap the screen twice quickly to zoom in and then tap the screen twice quickly again to zoom out.

  – or –

  You can also use pinch and spread to zoom in or out. See Touchscreen Navigation.

Watch Video

The screen automatically switches to landscape mode when you play a video. Use the onscreen controls to play, pause, or stop the video.

The video is displayed in full screen size. You can tap an onscreen icon to make it fit on the screen based on the video size. Tap the icon again to change back to full screen size.

Working with Photos

You can touch and hold on a photo to open a selection menu and choose what to do with it. You can choose to delete the photo, rotate or crop it, and more.

Rotate and Save a Photo

To rotate or save your photo, follow the below procedures.

1. Press and tap (**Gallery**).
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap > **Rotate left** or **Rotate right**.

The rotated picture is saved in your default storage location as a copy.

Crop a Photo

The crop your photos, follow the below procedures.

1. Press and tap (**Gallery**).
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap > **Crop**.
4. To adjust the crop box size, touch and hold the edge of the box. When directional arrows appear, drag your finger inward to or outward to resize the crop box.

5. To move the crop box to the part of the photo that you want to crop, drag the crop box to the desired position.
6. Tap **Done** to apply the changes to the picture.

The cropped picture is saved along with the original copy in your default storage location.

Photo Editor

The Photo Editor application provides basic editing functions for pictures that you take on your device. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing the picture.

Follow the below procedures to use Photo Editor.

1. Press and tap (**Photo editor**).
2. Tap **Select picture** to edit a picture in your Gallery, or tap **Take picture** to take a new picture with the Camera.
3. Tap the picture to load it into Photo editor.
4. Use the following Photo editor controls to edit your picture:
   - **Selection**: allows you to drag your finger over the picture to select an area of the picture. Choose **Magnetic**, **Lasso**, **Brush**, **Round**, or **Square** selection patterns. When Selection is active, tap **Selection size** to choose the size of selections, or **Inverse** to invert a selection.
   - **Rotate**: allows you to rotate a photo in all 4 directions. You can also mirror image a photo.
   - **Resize**: allows you to resize the current image.
   - **Crop**: allows you to crop a photo to customize a size.
   - **Color**: allows you to access color options including **Auto adjustment**, **Exposure**, **Saturation**, **Contrast**, **Brightness**, **Hue**, **Grey-scale**, or **Temperature**.
   - **Effect**: allows you to add various effects to your photo.
   - **Tools**: access other picture options.
   - **Undo**: undo the most recent photo adjustment.
   - **Redo**: redo the most recent undone photo adjustment.
   - **Crop**: allows you to crop a photo to customize a size.
5. Tap to access the following options:

- **Select picture**: selects an existing image from your Gallery and starts a new Photo editor project. Be sure and save the photo you are working on before starting a new project.
- **Take picture**: launches the camera and allows you to take a new picture to then use as a new Photo editor project.
- **Share via**: allows you to share your photo via **Bluetooth**, **Dropbox**, **Email**, **Email**, **Gmail**, **Google+**, **Group Cast**, **Picasa**, or **Wi-Fi Direct**.
- **Set as**: sets the new image as either your **Contact photo**, **Home and lock screens**, **Home screen wallpaper**, or **Lock screen wallpaper**.

Share Photos and Videos

The Gallery application lets you send photos and videos via Email or Gmail, or share photos on your social networks (such as Facebook and Picasa) and share videos on YouTube. You can also send them to another device or your computer using Bluetooth, Wi-Fi Direct, Group Cast, or Dropbox.

Send Photos or Videos by Email

You can send several photos, videos, or both in an email message. They are added as file attachments in your email.

1. Press and tap (**Gallery**).
2. Tap the album that contains the photos or videos you want to share.
3. Tap the photos you want to send.
4. Touch the screen and then tap > **Gmail** or **Email**.
5. Compose your message and then tap or .

Note: If you selected **Email** and you have multiple email accounts, the default email account will be used.

Send Photos or Videos Using Bluetooth

You can select several photos, videos, or both and send them to someone's device or your computer using Bluetooth.

1. Press and tap (**Gallery**).
2. Tap the album that contains the photos or videos you want to send.
3. Select the photos or videos you want to send.
4. Touch the screen and then tap > **Bluetooth**.

In the next few steps, you'll be asked to turn on Bluetooth on your device and connect to the receiving Bluetooth device so the files can be sent. For more information, see Bluetooth.

Share Photos or Videos on Google+

You can select several photos, videos, or both and upload them to Google+.

1. Press and tap .
2. Tap the album that contains the photos or videos you want to send.
3. Tap the photo or video you want to send.
4. Touch the screen and then tap > **Google+**.

Note: You may be prompted to select an account for Google+, or configure additional options.

5. Compose your message and then tap .

Share Photos on Picasa

You need to be signed in to a Google Account to upload pictures to the Picasa™ photo organizing service.

1. Press and tap (**Gallery**).
2. Tap the album that contains the photos or videos you want to share.
3. Select the photos you want to share.
4. Touch the screen and then tap > **Picasa**.

5. Select the online album where you want to upload the pictures.
6. Tap **Upload**. You can view the photos online at picasaweb.google.com.

Share Videos on YouTube

You can share your videos by uploading them to YouTube™. Before you do this, you must create a YouTube account and sign in to that account on your device.

1. Press and tap (**Gallery**).
2. Tap the album that contains the videos you want to share.
3. Select the video you want to share.
4. Touch the screen and then tap > **YouTube**.
5. Enter the prompted information, such as description and tags, and select a privacy option.
6. Tap **Upload**.

Tools and Calendar

Learn how to use many of your device's productivity-enhancing features.

Calendar

Use Calendar to create and manage events, meetings, and appointments. Your Calendar helps organize your time and reminds you of important events. Depending on your synchronization settings, your device's Calendar stays in sync with your Calendar on the Web, Exchange ActiveSync calendar, and Outlook calendar.

Add an Event to the Calendar

Add events to your Calendar to help you organize your time and remind you of important events.

Note: To synchronize calendar events among your Google and Corporate accounts, make sure they are being managed by your device. See Accounts and Messaging for more information.

1. Press and tap > (**Calendar**).
2. Double-tap a day to which you would like to add an event to reveal the **Add event/Add task** screen. The default view for the Calendar is the **Month** view, or you can choose another view, from **Year**, **Month, Week, Day**, **List**, and **Task**.
3. On the **Add event** screen, choose options for the event. Available options depend on the accounts you have set up on your device.
   - Tap **My calendar** to assign the event to a specific account. **My calendar** is stored locally on the device and not part of an account. If you have accounts set up on your device, you can choose an account to synchronize the new event with the account .
   - Tap **Tap to enter event** and enter a title for the event.
   - Tap **Edit event details** to configure other details for the event:
     - By default, new events are All day events. To set a start and stop time instead, tap **All day** to remove the checkmark, and then select **From** and **To** times for the event.
     - Select a **Time zone**.
     - Select recurrences for the event by tapping the **Repeat** field. Choose from **One-time event**, **Daily, Every weekday (Mon~Fri)**, **Weekly (every [day])**, **Every 2 weeks ([day]),Monthly (every [number] [day])**, **Monthly (on day [number])**, or **Yearly (on [month] [day])**.
     - Choose options for **Reminders** for the event, including time period and type.

- Enter a location for the event in the **Location** field or tap to select the location on the a map.
- Enter a description for the event in the **Description** field.
- Enter participants in the **Participants** field (available for Google calendar).
- Tap **Privacy** to select who is allowed to see this event. Private allows only the selected participants to view the event on your calendar. Public allows anyone with access to your calendar to view the event (available for Google calendar).
- Tap to the right of **Images** to add an image from the Gallery or take a new picture using the camera.

4. Tap **Save** to store the new event and synchronize it with your selected account.

Event Alerts

When your device is turned on and you have an event alarm scheduled, your device alerts you and displays the event summary. There are several ways your device alerts you to scheduled events:

- By playing the assigned ringtone.
- By showing the **Alert** screen.

Event Reminders

When your device is turned on and you have an event alarm scheduled, there are several ways your device alerts you to scheduled events:

- By playing a short beep.
- By indicating an icon within the Status bar.

To view additional options:

1. Tap the **Status** bar to open the **Notifications** panel.
2. Tap the upcoming event name from the onscreen list to display the event within the **Calendar** notifications screen.
3. Tap an option.
   - **Set snooze duration** to set the length of time to allow before you are reminded of the event. Choose from: **3 minutes**, **5 minutes**, **10 minutes**,**15 minutes**, or **30 minutes**.
   - **Snooze** to be reminded of the event at a future time.
   - **Dismiss** to dismiss the reminder.

View Events

The following procedure helps you view your calendar events.

1. Press and tap > (**Calendar**). Once an event has been created, entries are shown in the default view.
2. To view a Calendar event farther out, tap either **Week** or **Month**.
3. Tap the day for which you would like to view events. (Your device lists events in chronological order.)
4. To display an event's details, tap it from the current screen.

Day and List Views

Day view displays a list of the events of one day.

List view shows a list of all your events in chronological order.

The color bars on the left side of the events indicate the type of calendar that includes the event.

When in Day view, slide left or right across the screen to view earlier or later days.

Week View

Week view displays a chart of the events of one week.

When in Week view:

- You can touch and hold on a time slot to create a new event at that time.
- Tap an event to view its details.
- Slide left or right across the screen to view earlier or later weeks.

Month View

In Month view, you'll see markers on days that have events.

When in Month view:

- Tap a day to view the events of that day.
- Touch and hold a day to create a new event.
- Slide up or down to view earlier or later months.

Erase Events

The following procedures show you how to erase your calendar events.

1. Press and tap > (**Calendar**).
2. Open the calendar event details:
   - In **Agenda, Day**, and **Week** views, tap the calendar event you want to delete.
   - In **Month** view, tap the date where the calendar event occurs, and then tap the calendar event.
   - In **Year** view, tap the month in which the event is located.
3. Tap > **Delete**.
4. In the Delete confirmation box, tap **OK**.

   – or –

   If the calendar event is recurring, select **Only this event**, **This & future events**, or **All events**, and tap **OK**.

Alarm

Set alarms for reminders.

Set an Alarm

Use the following methods to create an alarm event.

1. Press and tap > (**Alarm**).
2. Tap (**Createalarm**) to create an alarm.
   - Set a time for the alarm by tapping the arrows to select a time and AM/PM.
   - For **Alarm repeat**, tap the days of the week to play the alarm.
   - Tap **Repeat Weekly** to have the alarm repeat every week.

- Drag the Volume slider to set the volume for the alarm notification.
- Choose an **Alarm type**, for to select a ringtone that will sound for the alarm. Tap **Sounds** and then tap a ringtone to hear an audio sample. Tap **Go to My Files** to select a music or other audio file from your library.
- Tap **Snooze** to activate snooze delays for the alarm. When Snooze is active, set a **Duration** and **Repeat**.
- Tap **Smart alarm** to track body movements and calculate the best time for sounding the alarm. Place the device somewhere on your bed, and then the device's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the **Interval** and the **Tone**.
- Select a unique name for this alarm event by tapping the **Name** field and entering a new name.

3. Tap **Save** to store the new alarm event.

Delete an Alarm

To delete an Alarm event:

1. Press and tap > (**Alarm**).
2. Touch and hold an alarm.
3. From the onscreen context menu, tap **Delete**.

Calculator

Your device comes with a built-in calculator.

1. Press and tap > (**Calculator**).
2. Enter numbers by tapping the onscreen keyboard.
3. Touch and hold **C** to clear all numbers.

World Clock

View the date and time in any city.

- Press and tap > (**World Clock**).

Memo

Use Memo to create text memos.

View Memos

Follow the steps below to explore Memo.

1. Press and tap > (**Memo**).
2. From the Memo screen, tap to access the following options:
   - **Sort by**: Set whether to sort the memo list by **Date**, **Title**, or **Color**.
   - **Share via**: Select one or all memos, tap **Send**, and then choose **Bluetooth**, **Dropbox**, **Email**, **Gmail**, or **Wi-Fi Direct**.
   - **Print**: Choose memos to print on an optional compatible Samsung printer (not included).
   - **Sync memo**: Choose memos to sync with Google docs.
   - **PIN lock**: Set a PIN to secure memo contents.
   - **Font size**: Choose the size for memo text.

Create a Memo

Use Memo to create a new memo.

1. Press and tap > (**Memo**).
2. Tap to start a new memo
3. When you are finished, tap **Done**.

S Suggest

S Suggest provides recommendations for applications that are specifically supported and made for use on your device.

1. Press tap > (**S Suggest**).
2. Read the terms and conditions.
3. Place a check mark in the Agree field then tap **Agree**.
4. Select an application from one of the available categories (Picks, Categories, Games, Friends, and Info).
5. Follow the onscreen download and installation instructions.

Transfer Files Between Your Device and a Computer

You can use the supplied USB charging/cable to connect your device directly to your computer and transfer music, pictures, and other content files. For example, if you have a music album stored on your computer that you want to listen to on your device with the music player, Google Play Music, or Sprint Music Plus, just attach your device to the computer and copy the files to the music folder.

1. Connect your device to your computer using the USB/charging cable supplied with your device.
   - Insert the larger end of the cable to the charger/accessory jack at the bottom of the device.
   - Insert the smaller end of the cable into an available USB port on your computer.
2. The **USB connected** icon appears in Notifications, with the notification **Connected as a media device** or **Connected as a camera**. Touch the notification to choose a connection mode from USB PC Connection settings.
   - **Media device (MTP)**: Transfer media files in Windows, or using Android file transfer on a Mac.
   - **Camera (PTP)**: Transfer photos using camera software, and transfer files onto a PC that does not support MTP.
3. On your computer, navigate to the detected device (such as through the My Computer menu) and open it.
4. If available, select a drive (**Card** for microSD card, **Tablet** for internal device storage).
5. Select a folder (for example, **Music** for songs and albums) and copy files to it from your computer.
6. When you are done, disconnect your device from your computer.

My Files

Use My files to manage files stored on your device, or on an optional installed memory card (not included). You can launch a file if the associated application is already on your device.

1. Press and tap > (**My files**).
2. Browse files:
   - Tap **sdcard** for files stored in device memory.
   - Tap **extSdCard** for files saved on an optional installed memory card (not included).

Dropbox

Dropbox provides 2GB of free “cloud” storage, so you can bring your photos, docs, and videos anywhere. You can edit files in your Dropbox from your device, upload photos and videos to Dropbox, and share your selected files with family and friends.

The Dropbox app on your device works with a partner program installed on a computer, via the Internet.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your dropbox on your computer, and it’s automatically updated to the same folder on your other devices.

Download the Dropbox Desktop Application

Follow the procedures below to download the desktop application.

1. Use your computer’s browser to navigate to: http://www.dropbox.com/.
2. Follow the prompts on your computer to install.

Important! The computer application must be installed on the computer containing the desired files. This computer must have an active Internet connection.

Note: You might need to configure your router’s firewall settings to allow this application to access to the Internet.

Accessing Dropbox on Your Device

Follow the procedures below to access the Dropbox app.

1. Press and tap > (**Dropbox**).
2. Tap **Start**, and then follow the onscreen instructions to log in, or create an account..

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets, and Bluetooth-enabled computers, printers, and other wireless devices. The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

The following procedures will guide you through turning your device's Bluetooth feature on or off.

Note: Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as aboard an aircraft and in hospitals.

1. Press and tap > > **Bluetooth**.
2. Tap the ON/OFF slider to move it into the **ON** position to turn Bluetooth on.

Tip: You can also turn Bluetooth on and off on the Notifications panel. Touch the notifications area, and then tap **Bluetooth**.

Bluetooth Settings

Configure your device's Bluetooth settings.

- Press and tap > > **Bluetooth**.

Change the Device Name

The device name identifies your device to other devices.

1. Press and tap > > **Bluetooth**.
2. If Bluetooth is not on, tap the ON/OFF slider to turn it on.

3. Tap > **Rename device**.
4. Enter a name for your device, and then tap **OK**.

Pair with a Bluetooth Device

Search for a Bluetooth device and pair with it, to establish a connection between your device and the target device. After pairing , your device and the target device will recognize each other, and you can connect without entering a passcode or PIN.

To listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

1. Press and tap > > **Bluetooth**.
2. If Bluetooth is not on, tap the ON/OFF slider to turn it on.
3. Make sure that the headset is discoverable, so that your device can find the headset. Refer to the instructions that came with the headset to find out how to set it to discoverable mode.
4. Tap **Scan** to scan for Bluetooth devices within range.
5. When you see the name of your headset displayed in the Bluetooth devices section, tap the device. Your device then automatically tries to pair with the headset. If automatic pairing fails, enter the passcode supplied with your headset.

The pairing and connection status is displayed below the target device name in the Paired devices section. When the target device is connected to your device, (Bluetooth connected) displays in the status bar.

Connect to a Paired Device

When you have paired another Bluetooth device with your device, you should be able to reconnect it automatically by turning on Bluetooth on both devices. However, sometimes you will need to reconnect manually, for example if you have been using your headset with another Bluetooth device.

1. Press and tap > > **Bluetooth**.
2. If Bluetooth is not on, tap the ON/OFF slider to turn it on.

3. Make sure that the headset is discoverable.
4. Tap the headset's name in the Bluetooth devices section.

Note: If you cannot reconnect to the target device, follow the instructions in Disconnect from a Bluetooth Device, and then follow the instructions in Pair with a Bluetooth Device.

Disconnect from a Bluetooth Device

Disconnecting does not unpair the devices, so you can connect the devices at another time.

1. Press and tap > > **Bluetooth**.
2. In the Bluetooth devices section, tap next to the device to unpair.
3. Tap **Disconnect**.

Unpair from a Bluetooth Device

When you unpair from a Bluetooth device, the devices will no longer connect automatically. To connect to the other device again, you'll need to pair with the device again.

1. Press and tap > > **Bluetooth**.
2. In the Bluetooth devices section, tap next to the device name, and then tap **Unpair**.

Send Information via Bluetooth

Use Bluetooth to transfer information between your device and another Bluetooth-enabled device paired with your device. Follow the instructions at Pair with a Bluetooth Device for information about pairing with another Bluetooth device.

Not all Bluetooth devices can accept all types of information. Depending on the device, you can share pictures and videos, Calendar events, Contacts, music, and other types of information.

1. On your device, open the application that contains the information or file you want to send. For example, if you want to send a photo, press and tap .
2. Follow the steps for the type of item you want to send:

- **Photo or video** (in Camera). After capturing a photo, on the preview screen, tap > **Bluetooth**.

- **Photos and videos** (in Gallery). On the **Albums** tab, tap an album, and then tap > **Bluetooth**.

Tip: If your device remembers Bluetooth as a previous selection within the Camera or Gallery, you can tap the Bluetooth icon (to the right of the icon).

- **Calendar event**. In the Calendar's Day view, Agenda view, or Week view, tap the event and then tap > **Share via** > **Bluetooth**.
- **Music track**. This feature is available through the **Music Player**. With the track displayed on the Now playing screen, tap > **Share via** > **Bluetooth**.

3. If you are prompted to turn on Bluetooth, tap **Yes**.
4. Tap the name of the receiving device.
5. If prompted, accept the connection on the receiving device, and enter the same passcode on both your device and the other device, or confirm the auto-generated passcode.
6. On the receiving device, accept the file.

The location where the information is saved depends on the type of information and the receiving device:

- If you send a calendar event or contact, it is normally added directly to the corresponding application on the receiving device. For example, if you send a calendar event to a compatible device, the event is shown in that device's calendar application.
- If you send another file type to a Windows computer, it is normally saved in the Bluetooth Exchange folder within your personal document folders.
  - On Windows XP, the path may be: C:\Documents and Settings\[your user name]\My Documents\Bluetooth Exchange.
  - On Windows Vista, the path may be: C:\Users\[your user name]\Documents.
- If you send a file to another device, the saved location may depend on the file type. For example, if you send an image file to another wireless device, it may be saved in a folder named "Images."

Receive Information via Bluetooth

Use Bluetooth to receive information from another Bluetooth-enabled device paired with your device. Follow the instructions at Pair with a Bluetooth Device for information about pairing with another Bluetooth device.

Your device can receive a variety of file types via Bluetooth, including photos, music, contact records, and documents such as PDFs.

1. Press and tap > > **Bluetooth**.
2. If Bluetooth is not on, tap the ON/OFF slider to turn it on.
3. On the sending device, send one or more files to your device. Refer to the device's documentation for instructions on sending information via Bluetooth.
4. Follow the prompts on both devices to confirm the transfer.
5. When the transfer is complete, a notification displays in your device's Status bar. Touch the notification to view a list of transferred item(s). You can select an item to view information about it, or to open a file.
    - For media files and documents, you can open them, if a compatible application is installed on your device. For example, you can save a song, and then play it in Music Player.
    - For events (vCalendar) you can choose to open the event, or import it into Calendar. For more information on using the Calendar, see Calendar.
    - For contact records (vCards), you can choose to import one, several, or all of the contacts to Contacts.

microSD Card

You can install an optional microSD™ (Secure Digital) memory card (not included), for additional storage of images, videos, music, documents, and other information.

Important! You can easily damage the microSD card and its adapter by improper operation. Please be careful when inserting, removing, or handling it.

Do not over-insert the card as this can damage the contact pins.

Be sure to use only recommended microSD cards (up to 64GB). Using non-recommended microSD cards could cause data loss and damage your device.

Make sure your battery is fully charged before using the microSD card. Your data may become damaged or unusable if the battery runs out while using the microSD card.

Insert a microSD Card

Use the following procedures to insert a microSD card into your device.

1. Open the Memory Card Slot cover and turn it to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.

3. Replace the Memory Card Slot cover.

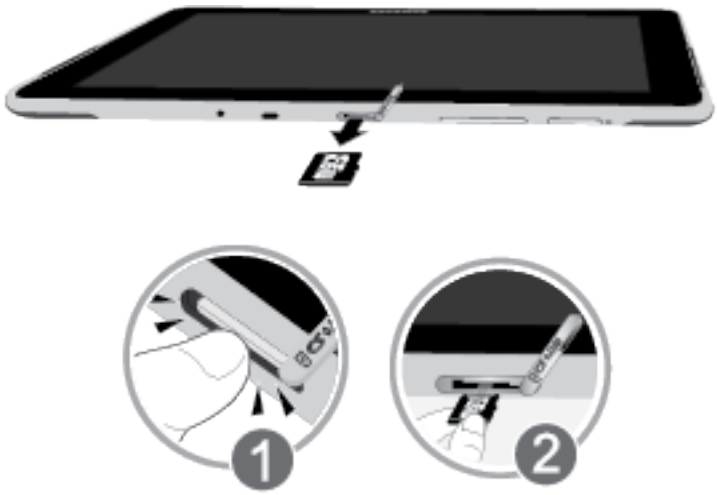
Remove a microSD Card

Use the following procedures to remove a microSD card from your device.

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the device. Unmounting a memory card prepares it for removal from the device.

1. Press and tap > > **Storage**.
2. Tap **Unmount SDcard** to prepare the memory card for removal from your device. A notification appears the Notifications area when it's safe to remove the card.
3. Open the Memory Card Slot cover and turn it to expose the slot.

4. Gently press on the memory card, so that it pops out from the slot, and then carefully pull the card out.



5. Replace the Memory Card Slot cover.

View microSD Card Memory

View total and available memory available on an installed microSD memory card.

- Press and tap > > **Storage**. See Device Memory for more information.

Format a microSD Card

Formatting a microSD card permanently removes all files stored on the card. See SD Card for more information.

Note: Formatting removes all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

1. Press and tap > > **Storage**.
2. Scroll down the screen, tap **Format SD card** > **Format SD card** > **Delete all**.

Unmount a microSD Card

Before removing a memory card, you must unmount card first to prevent corrupting the data stored on it or damaging the microSD card.

1. Press and tap > > **Storage**.
2. Tap **Unmount SD card**.
3. Remove the microSD card. See Remove a microSD Card.

Update Your Device

From time to time, updates may become available for your device. You can review available updates, and install them from your device.

Update the PRL

This option allows you to download and update the PRL (Preferred Roaming List).

1. Press and tap > > **System Update** > **Update PRL**.
2. Follow the onscreen instructions.

Update Your Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your device.

1. Press and tap > > **System Update** > **Update Profile**.
2. Follow the onscreen instructions.

Note: If your data services or account syncing ever seem to stop unexpectedly, use this setting to reconnect with the network.

Update Your Samsung Software

This option allows you to update the Samsung software on your device via an over-the-air connection.

1. Press and tap > > **System Update** > **Update Samsung Software**.
2. Follow the onscreen instructions.

Update Firmware

You can update your device's software using the **Update Firmware** option.

Back Up Information Before Updating Firmware

Updating your device firmware will erase all user data from your device. To preserve your information, you must back up all critical information before updating device firmware.

Back up Gmail information:

1. Press and tap > > **Accountsand sync**.
2. Tap the **Auto-sync** option to enable the feature (checkmark).
   - If the **Auto-sync** option is on, email, Calendar and Contacts automatically synchronize whenever a change is made.
   - If the **Auto-sync** option is off, tap the sync icon within the account field to reveal the account's synchronization settings screen.

Back up Exchange Mail information:

1. Press and tap > > **Accountsand sync**.
2. Tap the sync icon within the Corporate account field to reveal the account's synchronization settings screen.
3. Toggle the onscreen checkmark to manually synchronize the desired parameters (Contacts or Calendar).

Back up data to your Google account:

Your Google™ application purchases are reloaded remotely and can be re-installed after the update is applied.

1. Log into your Google account via the device.

2. Press and tap > > **Backup and reset**.
3. Configure these options:
    - Tap **Back up my data** to back up app data, Wi-Fi passwords, and other settings to Google servers.
    - Tap **Backup account** to choose a Google account as the backup account.
    - Tap **Automatic restore** to enable or disable automatic restore. When enabled, this option automatically restores your backed-up settings and data when you reinstall an app.
4. From Settings, tap **Accountsand sync**, and then tap **Sync all**.

As an added precaution, to preserve any data on an optional installed microSD card (not included), please remove it from your device prior to starting the update process.

Update Device Firmware

After backing up your information, use the **Update Firmware** option to update your device firmware.

1. Press and tap > > **System Update**.
2. Tap **Update Firmware**. Your device automatically downloads and installs any available updates. Follow the prompts to complete the update. You may be required to power your device off and back on to complete the software upgrade.

Confirm Firmware Version

1. Press and tap > > **About device**.
2. Locate the **Baseband version** (read-only).

Settings

The following topics provide an overview of items you can change using your device's Settings menus.

Wi-Fi Settings

The Wi-Fi settings menu lets you control your device's Wi-Fi settings.

Your device lets you take advantage of Wi-Fi for high-speed data access using available computer networks. For details on your device's Wi-Fi features and settings, see Wi-Fi.

- Press and tap > (**Settings**) > **Wi-Fi**. The ON/OFF slider displays ON when Wi-Fi is active.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. Press and tap > > **Wi-Fi**.
2. Tap > **Advanced**.

The following options are available:

- **Network notification**: alerts you when a new open network is available.
- **Keep Wi-Fi on during sleep**: allows you to specify when to disconnect from Wi-Fi.
- **Wi-Fi timer**: allows you to select the amount of time that Wi-Fi is enabled.
- **MAC address**: view your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address**: view your device's IP address.

Bluetooth Settings

Your device's Bluetooth capabilities let you use wireless headsets to send and receive pictures and files, and more.

1. Press and tap > > **Bluetooth**.
2. Tap the ON/OFF slider to move it into the **ON** position to turn Bluetooth on.
3. Tap to access Bluetooth settings.
   - **Rename device**: allows you to change the name of your device. The device name is how other Bluetooth devices identify your device.
   - **Visible time-out**: allows you to choose the length of time your device is visible to other devices, when you enable visibility.
   - **Received files**: allows you to view files received via Bluetooth.

Data Usage Settings

From this screen you can view the Mobile or Wi-Fi data usage. By default, only the mobile data usage displays.

1. Press and tap > > **Data usage**.
2. Tap Mobile data field to enable the checkbox.
3. Tap **Set mobile data limit** to disable a data connection when a certain level is reached.
4. Tap the **Data usage cycle** drop-down menu and select a date.

   The data usage displays as a visual (chart) and displays a list of each application with a breakdown of how many MB were used per application.
5. Tap . From this menu, you can:
   - Tap **Data roaming** to allow data roaming. For details on your device's Roaming capabilities, see Roaming.
   - Tap **Restrict background data** to enable background data restrictions. You can only enable this feature if you have set mobile data limits. Tap **Set mobile data limit** to add a checkmark and activate the feature.
   - Tap **Show Wi-Fi usage** to display the Wi-Fi tab. The data usage displays as a visual (chart) with a list of each application with a breakdown of how many MB were used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

More Settings

The **More settings** menu provides additional wireless and network options.

Airplane Mode

Airplane Mode allows you to use many of your device's features, such as Gallery, Camera, and Music, when you are on an airplane or in any other area where making data connections is prohibited. When you set your device to Airplane mode, it cannot access online information.

To turn Airplane Mode on or off:

1. Press and tap > > **More settings**.
2. Select the **Airplane mode** check box and touch **OK**.
3. Tap . While in Airplane mode, the status bar will display .

Mobile Networks

Before you use applications such as Google Maps to find your location or search for places of interest, you must enable the Mobile networks options.

Mobile Data

1. Press and tap > > **More settings** > **Mobile networks**.
2. Tap **Mobile data** to create a checkmark and activate the feature.

Network mode

1. Press and tap > > **More settings** > **Mobile networks** > **Network mode**.
2. Tap your preferred network mode. Choose from **LTE/CDMA** or **CDMA**.

Connections optimizer

1. Press and tap > > **More settings** > **Mobile networks** > **Connections optimizer**.

2. Tap the check box next to **Sprint Connections Optimizer** to find and connect automatically to the best available data network including the Sprint network and “remembered” Wi-Fi networks on your device.

Tethering

Tethered Mode allows your computer to obtain an external data connection by using the device’s wireless data services and a wired USB connection or a separate Bluetooth connection.

Before attempting a tethered connection:

- Go to www.samsung.com and visit the SPH-P500 Product page, where you can navigate to the Download Center to obtain this driver.
- The online FAQ also provide detailed information about this driver.
- A wireless data connection can be made by using the device’s Sprint Hotspot feature.

To activate USB tethering:

1. Press and tap > > **More settings**.
2. Tap **Tethering** > **USB tethering** to add a checkmark and activate the feature. While in USB tethering, the status bar will display .

Note: The **USB tethering** option is only available when the device is connected to the computer. Otherwise, it is grayed out.

To activate Bluetooth tethering:

1. Press and tap > > **More settings**.
2. Tap **Tethering** > **Bluetooth tethering** to add a checkmark and activate the feature. The Bluetooth tethering icon displays in the status area.

To access help:

1. Press and tap > > **More settings**.
2. Tap **Tethering** > **Help**.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Activate a Connection

1. Press and tap > > **More settings**.
2. Tap the ON/OFF slider to turn Wi-Fi direct On .
3. Tap **Wi-Fi Direct** to set up a peer-to-peer connection over Wi-Fi. While Wi-Fi Direct mode is On, **Wi-Fi Direct is on** displays in the Status bar.

Note: The target device must also have Wi-Fi Direct service active and running before it can be detected by your device.

Assign a Unique Name

1. Press and tap > > **More settings** > **Wi-Fi Direct**.
2. Tap > **Device name**.
3. Modify the current name and then tap **OK**.

VPN

If you want to send and receive email messages through an ISP (Internet Service Provider) account (such as Outlook), or if you wish to use your device to access your corporate email through a VPN (Virtual Private Network), you will first need to set up an IMAP or POP account.

Before you add a VPN you must determine which VPN protocol to use: **PPTP**, **L2TP/IPSec PSK**, **L2TP/IPSec RSA**, **IPSec Xauth PSK**, **IPSec Xauth RSA**, or **IPSec Hybrid RSA**.

Note: You must configure a PIN or alphanumeric password before using credential storage functions.

1. Press and tap > > **More settings**.
2. Tap **VPN** > **Add VPN network**.
3. Enter a name for the VPN network in the **Name** field.
4. Select a VPN type from the **Type** drop-down menu. The options are:

- PPTP (Point-to-Point Tunneling Protocol)
- L2TP/IPSec PSK (Layer 2 Tunneling Protocol / Internet Protocol Security Pre-Shared Key)
- L2TP/IPSec RSA
- IPSec Xauth PSK
- IPSec Xauth RSA
- IPSec Hybrid RSA

5. Enter the Server address and any other required fields that are dependent upon the **Type** you entered previously.
6. Tap the **Show advanced options** check box to display additional VPN options.
7. Tap **Save** to save your VPN settings.

Nearby Devices

This option allows you to share your media files with nearby devices using DLNA.

1. Press and tap > > **More settings** > **Nearby devices**.
2. Verify Wi-Fi Direct is enabled and you are paired with the device you wish to detect and share content with.
3. Tap the ON/OFF slider to turn File sharing On.
4. At the Nearby devices prompt, tap **OK**.
5. Tap **Shared contents** and then check the media you would like to share. Tap **OK**.
6. Tap **Device name** and then use the onscreen keyboard to change the name shown to others. Tap **Save**.
7. Tap **Access control** and then tap what devices are allowed access. Choose from **Allow all** or **Only allowed devices**. The allowed devices are configured in the following Allowed devices list.
8. Tap **Allowed devices list** and then select the connected devices you would like to allow.
9. Tap **Not-allowed devices list** and then select the connected devices you would like to exclude.
10. Tap **Download to** and then select the destination of any downloaded (shared) content. Choose from **USB storage** (device) or **SD card**.
11. Tap **Upload from other devices** and then select the actions you'll take when you upload content from other devices. Choose from either **Always accept**, **Always ask**, or **Always reject**.

Roaming

Your roaming settings allow you to connect to your service provider's partner networks and access voice and data services when you are out of your service provider's area of coverage.

Roaming Network

1. Press and tap > > **More settings**.
2. Tap **Roaming** > **Roaming network**. Choose from the following:
   - **Sprint Only** to access only the home area mobile network, which is the Nationwide Sprint Network. This option also prevents roaming on other networks.
   - **Automatic** to seek service on the Nationwide Sprint Network. When Sprint service is unavailable, the device searches for an alternate system.

Roaming Settings

1. Press and tap > > **More settings**.
2. Tap **Roaming** > **Roaming settings** and select your roaming options.
   - Under **Domestic**, select or deselect **Data**.
   - Under **International**, select or deselect **Data**.

Roaming Guard

1. Press and tap > > **More settings**.
2. Tap **Roaming** > **Roamingguard**. Choose from the following:
   - Under **Domestic**, select or deselect **Data**.
   - Under **International**, select or deselect **Data**.

Sound Settings

The Sound settings menu lets you control your device's audio, from ringtones and alerts to touch tones and notifications.

Volume

The **Volume** menu provides access to various volume settings within one onscreen popup menu. You can adjust the volume settings to suit your needs and your environment.

1. Press and tap > > **Sound**.
2. Tap **Volume**.
3. Touch and drag the onscreen sliders to assign volume level settings for the following:
   - Music, video, games, and other media; Notifications; and System.
4. Tap **OK** to assign the volume levels.
   - You can adjust the media volume in standby mode by using the volume button on the top of your device.

Default Notifications

The notification area displays icons associated with user notifications such as email messages or upcoming events. You can select the sound that plays when your device receives new notifications.

1. Press and tap > > **Sound**.
2. Tap **Default notifications** and then tap a notification type from the available list. The sound briefly plays when selected.
3. Tap **OK** to assign the sound.

Touch Sounds

When enabled, sounds play when you touch the screen to make selections.

1. Press and tap > > **Sound**.
2. Tap the checkbox to enable playing a sound when making a screen selection.

Screen Lock Sounds

When enabled, sounds play when locking and unlocking the screen.

1. Press and tap > > **Sound**.
2. Tap the checkbox to enable playing a sound when locking and unlocking the screen.

Display Settings

Adjusting your device's display settings not only allows you to personalize the look and feel of your device, it can also help increase battery life.

Brightness

Adjust your screen's brightness to suit your surroundings.

1. Press and tap > > **Display**.
2. Touch **Brightness** and select the checkmark next to **Automatic brightness** to allow the device to adjust brightness automatically.
3. Clear the checkmark and then touch and drag **Brightness** slider left or right to adjust the screen contrast and tap **OK**.

Screen Timeout

Screen timeout lets you select how long the display screen remains lit after you press any key.

1. Press and tap > > **Display** > **Screen timeout**.
2. Tap a time setting. Choose from **15 seconds**, **30 seconds**, **1 minute**, **2 minutes**, **5 minutes**, **10 minutes**, or **30 minutes**.

Auto-rotate Screen

The Auto-rotate Screen feature can be manually enabled to change the orientation for all screens when rotation is detected. See Rotate for more information.

1. Press and tap > > **Display**.
2. Touch **Auto-rotate screen** (enabled by default). A green checkmark indicates the feature is enabled.

Font Style

You can set the font for all text that displays on your device.

1. Press and tap > > **Display**.
2. Tap **Font style**. Choose from **Default font**, **Choco cooky**, **Helvetica S**, or **Rosemary**.

Tip: To acquire additional font options, tap **Get fontsonline** to access new fonts in the Google Play Store app.

Font Size

This option allows you to select which size of font is displayed.

1. Press and tap > > **Display**.
2. Tap **Font size**. Choose from **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.

Quick Launch

This multifunctional key allows you to quickly open an application or perform a task. You can change or remove Quick Launch key (the default is screen capture).

1. Press and tap > > **Display**.
2. Tap **Quick launch** and select one of the features. Select **None** to remove the key from the menu bar.

Wallpaper Settings

The Wallpaper settings option allows you to set the Wallpaper for your Home screen, Lock screen, or both. Wallpapers consist of either Gallery images (user taken), Live wallpapers (animated backgrounds), or Wallpaper gallery (default device wallpapers).

Home Screen Wallpaper

You can select a unique picture to display as your wallpaper on the Home Screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Press and tap > > **Wallpaper**.
2. Tap **Home screen** and then tap a wallpaper type from the available list. Choose from **Gallery**, **Live wallpapers**, or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Lock Screen Wallpaper

You can select a unique picture to display on the Lock Screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Press and tap > > **Wallpaper**.
2. Tap **Lock screen** and then tap a wallpaper type from the available list. Choose from **Gallery** or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Home and Lock Screens Wallpaper

This feature assigns the same image to both the Home screen and Lock screens.

1. Press and tap > > **Wallpaper**.
2. Tap **Home and lock screens** and then tap a wallpaper type from the available list. Choose from **Gallery**, **Live wallpapers**, or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Power Saving Settings

Control your device's data delivery and battery usage through this settings menu.

Active applications, light levels, Bluetooth usage, and GPS functionality all act to drain your battery. The following is a list of helpful tips that can help conserve your battery power:

- Reduce your backlight on time.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Turn 4G off when not in use.
- Turn off Sprint Hotspot (Wi-Fi hotspot) services when not in use. This is one of the largest drains on your battery as it is not only transmitting a Wi-Fi connection to your device but is also doing it while using a 4G connection.
- Deactivate the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.
- Do not wait until your battery is completely depleted before charging your device. Repeating this process of a complete discharge and recharge can over time reduce the storage capacity of any battery.
- Turn off Automatic application sync.
- Use the **Power saving** widget to deactivate hardware functions such as Wi-Fi, Bluetooth, GPS, Synchronization, or LCD brightness setting.
- Check the Battery use screen to review what features or functions have been consuming your battery resources.
- Check the Running Services and close any unnecessary applications.
- Animated wallpapers use an increased amount of power and memory. Change your Live Wallpaper to a non-animated Wallpaper gallery or Gallery image.

Access Power Saving Settings

1. Press and tap > > **Power saving**.
2. Tap the ON/OFF slider to ON to **Use Power saving** to allow the device to switch to power saving mode when the battery is low.
3. Choose from the following options to customize the settings:
   - **CPU power saving**: allows you to limit the maximum performance of the CPU.

- **Screen power saving**: allows you to lower the screen power level.
- **Learn about power saving**: provides additional information about **Power saving** settings.

Storage Settings

You can manage the information and configuration related to both your microSD card and built-in device storage memory. You can choose to store items either in the built-in device storage memory or in the optional microSD card. For information about transferring files from a computer to either device storage option, see Transfer Files Between Your Device and a Computer.

Device Memory

From this menu you can view the memory allocation for the memory.

- Press and tap > > **Storage**.

Total Space

Total space indicates the total size of the device's memory. This includes both available and used space information.

Apps

Applications displays the amount of memory occupied by running applications.

Pictures, videos

Pictures, videos displays the amount of memory occupied by pictures and videos stored on your device.

Audio (music, ringtones, podcasts)

Audio displays the amount of memory occupied by any audible files.

Downloads

Downloads displays the amount of memory occupied by files downloaded from an email account, the Internet, or other outside sources.

Miscellaneous files

Miscellaneous files displays the amount of memory dedicated to files such as information stored on the clipboard or downloaded application files.

Available Space

Available Space indicates the total amount of space within the device's memory.

SD Card

Your device lets you use a microSDä (also referred to as a memory card) to expand available memory space. This section provides information about mounting, unmounting and formatting it.

- Press and tap > > **Storage**.

Total Space

Total space indicates the total size of the currently inserted microSD card. This includes both available and used space information.

To determine the amount of memory currently used on the card, take the total space and subtract the remaining available space.

Note: Not all of the microSD card is registered in the available space, as a small percentage of the storage is unread. A 16GB microSD card will show approximately 14.73GB of total space.

Available Space

Available space indicates the amount of remaining free memory space available on the microSD card.

Unmount SD Card

1. Press and tap > > **Storage**.
2. Tap **Unmount SD** card to release the microSD card from its use by the device. When the memory card is safe to remove, a notification displays in the status area.
   - The microSD card must first be mounted in order to unmount it.

Format SD Card

Formatting a microSD card permanently removes all files stored on the card.

1. Press and tap > > **Storage**.
2. Tap **Format SD card** > **Format SD card** > **Delete all**.
   - If you have a lock code or pattern set, you will be prompted to enter it before proceeding with the formatting.
   - Once completely formatted, the card is automatically re-mounted (reconnected for use by the device).

- The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Battery Settings

Your device is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained.

At 5% of charge capacity, the device sounds an audible alert, displays a critical charge icon, and then turns off.

Battery Use

Use the battery settings menu to view what apps or processes have been using the battery.

- Press and tap > > **Battery**.

Application Manager

Manage your device's applications, control running applications, and monitor your memory use from the Application manager.

Manage Applications

Use the Application manager menu to quickly erase selected content and uninstall third-party applications stored in your device.

To clear an application's cache:

1. Press and tap > > **Application manager**.
2. Tap and tap **Sort by size**. This option sorts the current applications listing to display those applications by amount of memory or cache usage.
3. Tap the application whose cache you wish to delete.
4. From the Application info screen, tap **Clear data** and/or **Clear cache**.

To uninstall third-party applications:

1. Press and tap > > **Application manager**.
2. Tap the third-party application, and from the Application info screen, tap **Uninstall**.

Running Services

This service efficiently manages power consumption and processor/memory resources. Processes can be stopped until the device is restarted.

To stop a currently running service:

1. Press and tap > > **Application manager**.
2. Tap **Running**, select an onscreen process entry, and tap **Stop**.
3. Read the **Stop system service?** dialog and tap **OK**.
   - These stopped processes restart once the device is restarted (power cycled).
   - Third-party Task Manager applications are also available from the Google Play Store app.

Note: You can also access the most recently used applications by touching . For more information, refer to Recently Used Applications.

Memory Use

View storage used by currently running applications.

- Press and tap > > **Application manager**. The bottom of the screen displays the amount of RAM used by all running services.

Accounts and Sync Settings

Your device provides the ability to synchronize data from a variety of different sources or sites. These accounts can range from Google, a Corporate Microsoft Exchange Email Server, and other social sites. Corporate and Google accounts provide the ability to synchronize Calendar events and Contacts.

Set Up a New Account

You can set up a new account using the following procedures.

1. Press and tap > > **Accounts and sync**.
2. Tap **Add account** and tap an account type.
   - **Samsung account**, **Dropbox**, **Email**, **Facebook (for syncing)**, **Google**, **LDAP**, and **Microsoft Exchange ActiveSync**.
3. Enter your account information and tap **Next**.
   - Depending on the account type, you may need to enter an email address or user address, password, domain name, or other information. For Corporate Exchange Email Server accounts, contact your server administrator to determine what information you will need.
4. Tap **Done** when you are finished.

Manage Existing Accounts

You can manage a current account by using the following procedures.

1. Press and tap > > **Accounts and sync**.
2. Tap an account to edit its settings.
   - Tap a field to edit its settings.
   - Tap **Remove account** to delete the account from your device.
3. Tap **Done** when you are finished.

Location Services Settings

Your device is equipped with a Location feature for use in connection with location-based services.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

- Turning Location on will allow the network to detect your position using GPS technology, making some Sprint applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your device. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

Use Location Services

Use the following steps to use wi-fi or mobile networks to determine your device's location.

1. Press and tap > > **Location services**.
2. Tap **Use wireless networks**. A green checkmark indicates the feature is enabled.
   - This service uses available wireless networks to pinpoint your location within certain applications such as Google Maps.
3. Tap **Agree**. Enabling this feature allows Google to collect anonymous location data whether or not any location application or other related feature is active or in use.

Use GPS Satellites

Use the following steps to enable your device's GPS location feature.

1. Press and tap > > **Location services**.
2. Tap **Use GPS satellites**. A green checkmark indicates the GPS location feature is enabled.

Location and Google Search

This option allows you to quickly refine your search results by permitting Google to use your location data.

1. Press and tap > > **Location services**.
2. Tap **Location and Google search** and tap **Agree** to enable the positioning sensors.

Security Settings

This menu contains features that allows you to configure the device’s security parameters.

Screen Lock

You can increase the security of your device by creating a screen lock. When enabled, you either swipe the screen, detect accessibility through facial recognition, draw the correct unlock pattern on the screen, enter the correct PIN, or enter the correct password to unlock the device’s control keys, buttons, and touchscreen.

You can choose among these lock options, listed in approximate order of strength:

Use Swipe

1. Press and tap > > **Security**.
2. Tap **Screen lock** > **Swipe**.

Note: If you previously had a pattern, PIN, or password assigned, you will need to enter it before changing the screen lock type.

Use Face Unlock

1. Press and tap > > **Security**.
2. Tap **Screen lock** > **Face unlock**.
3. Tap **Set it up**, find a location with mid-strength lighting (not too bright or too dim), and tap **Continue**.
4. Face the screen toward yourself, hold the device at eye level, and position your face within the boundaries of the dotted oval.

Note: If the device cannot detect all of your facial features, the screen will display, "**Can't find part of your face**".

5. After the device recognizes your face, a checkmark will display within the oval and the screen displays, "**Face captured.**".
6. Tap **Continue** and create a security pattern or PIN. You will use one of these security features if the device does not recognize your face when you attempt to unlock the device.
7. Set your backup **Pattern** or **PIN** and tap **OK**.

Note: If your screen lock is currently set to **Face unlock**, you can improve its performance by capturing your face data again under different lighting conditions. To improve facial recognition, tap **Settings** > **Security** > **Improve facialrecognition.**

Use a Screen Unlock Pattern

1. Press and tap > > **Security**.
2. Tap **Screen lock** > **Pattern**, read the information on the screen, and tap **Next**.
3. Draw a screen unlock pattern by connecting at least four dots in a vertical, horizontal, or diagonal direction. Lift your finger from the screen when finished.
4. The device records the pattern. Tap **Continue**.
5. When prompted, draw the pattern again, and then tap **Confirm**.
6. Set a backup PIN. If you forget your screen unlock pattern, you can enter your backup PIN to unlock your device.

When unlocking the screen, If you fail to draw the correct unlock pattern on the screen five times, you will be prompted to wait for 30 seconds before you can try again.

What if I Forget My Pattern?

If you forget your lock pattern, you can unlock your device with the backup PIN you set up with your unlock pattern.

To unlock the tablet using a PIN code:

1. Tap **Forgot pattern?** (located at the bottom of the screen).
2. Tap **Type PIN code** and enter the backup PIN you set up when you created your lock pattern.
3. Tap **OK**.

Use a Screen Unlock PIN

1. Press and tap > > **Security**.
2. Tap **Screen lock** > **PIN**.
3. Enter a PIN, tap **OK**, and then enter your PIN again to confirm it.

If you fail to enter the correct PIN after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Use a Screen Unlock Password

1. Press and tap > > **Security**.
2. Tap Screen lock > Password.
3. Enter a password, tap **Continue**, and then enter your password again to confirm it.

Note: If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Disable the Screen Lock

1. Press and tap > > **Security**.
2. Tap **Screen lock**, provide your security information, and then tap **None.**

If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Encrypt Device

Data encryption allows you to encrypt all data that is on your device to enhance security after you turn it off.

Important! Password screen lock protection represents the highest level of security; therefore, you must setup a screen lock password in order to use device decryption. For more information, see Screen Lock.

1. Press and tap > > **Security**.
2. Read the general encryption information and tap **Encrypt device**.
3. At the Encrypt device prompt, tap **OK**. Your device will restart.
4. Unlock the device. The data on your device is encrypted and your device will restart again. The icon is displayed on the top bar of your display showing that your data is encrypted.

Encrypt SD card

Prevent another user from accessing information stored on your SD card by protecting the information using a password. When enabled, your device will ask for a password each time you use the device. Using this option you can also change your SD card PIN number.

Important! Password screen lock protection represents the highest level of security; therefore, you must setup a screen lock password in order to use SD card encryption. For more information, see Screen Lock.

1. Press and tap > > **Security**.
2. Tap Encrypt external SD card.

Make Passwords Visible

When enabled, this feature allows you to view the text being entered into a password field as you type it. Many times, other applications insert an asterisk (*) as you type. This can cause issues and confusion. What if you mis-typed the password or used the wrong case? When enabled, you can see your entry. This feature is enabled by default.

Disable Visible Passwords

1. Press and tap > > **Security**.
2. Tap **Make passwords visible** (to remove the checkmark on the option).

Device Administrators

Activating this feature allows Google to administrate your device in a way similar to IT security settings on a corporate PC. This would be beneficial in the case that your device was lost or stolen. The device could be “deactivated” or “restricted” (through administration) from a remote location.

Select Device Administrators

The Device Administration feature allows you to select one or more administration applications that control your device for security purposes (for example, if your device is lost or stolen).

These applications enforce remote or local device security policies. Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. Press and tap > > **Security**.
2. Tap **Device administrators** and tap an account.
3. Tap **Deactivate** to remove the current administrator.

Unknown Sources

This feature allows you to download and install applications from sources other than Google Play™ Store.

1. Press and tap > > **Applications**.
2. Tap **Unknown sources** and then tap **OK** to confirm. A green checkmark indicates the feature is enabled.

Trusted Credentials

Use this feature to allow applications to access secure certificates and other credentials.

To use secure credentials:

1. Press and tap > > **Security**.
2. Tap **Trusted credentials** to display the list of your device's trusted CA certificates. A green checkmark indicates the certificate is enabled.

Install from Device Storage

Use this setting to install encrypted certificates from your USB storage.

1. Press and tap > > **Security**.
2. Tap **Install from device storage** and then tap a certificate file and follow the onscreen prompts.

Clear Credentials

Use this setting to clear the credential storage of all contents and reset the password.

1. Press and tap > > **Security**.
2. Tap **Clear credentials**.

Language and Input Settings

Your device's Language settings let you select a language for the device's screens and menus, as well as manage a personal user dictionary. The Keyboard settings let you select a preferred input method, control keyboard settings, and more.

Language

Use these procedures to change the language that displays on your device.

1. Press and tap > > **Language and input**.
2. Tap **Language** and tap either **English** or **Español**. All menus are then updated to the new language.

Default Input Method

The following procedure allows you to select the default method for entering text.

1. Press and tap > > **Language and input**.
2. Tap **Default**, and then select **Samsung keyboard** or **Swype**.

– or –

1. From a screen where you can enter text, touch in the notification bar.
2. Tap an available input method.

Note: Within either dialog box, you can tap the icon to access Keyboard and input methods settings. For more information about the applicable input method setting procedures, refer to Text Input Methods.

Google Voice Typing Settings

This feature listens to your voice input and translates it into text.

1. Press and tap > > **Language and input**.
2. Tap to the right of **Google voice typing** to access the following options:
   - **Select input languages**: allows you set the language you will be using for your voice input and output.
   - **Block offensive words**: allows you to hide recognized offensive words.

Samsung Keyboard Settings

The Samsung Keyboard is an onscreen QWERTY keyboard.

1. Press and tap > > **Language and input**.
2. Tap to the right of **Samsung keyboard** to access the following options:
   - **Input language**: allows you to select the text input language. Choose from either **English (US)** or **Español**.
   - **Predictive text** enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Tap **Predictive text** to access the advanced settings.
   - **My word list** to add a list of words you commonly use within your sentences.
   - **T9 Trace** allows you to enter words by swiping between onscreen keys.
   - **Handwriting** enables the device to recognize onscreen handwriting and convert it to text.
   - **Voice input** activates the Voice input feature. This feature uses Google's networked speech recognition application to convert speech into text.
   - **Autocapitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
   - **Auto-punctuate** automatically inserts a period at the end of a sentence when you tap the space bar twice while using the onscreen QWERTY keyboard.
   - **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
   - **Key-tap sound** enables auditory feedback when you tap an onscreen key.
   - **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keyboard.
   - **Reset settings** resets the keyboard settings back to their original configuration.

T9 Trace

T9 Trace is built into the Samsung keyboard. This method allows you to enter a word by sliding your finger from letter to letter and lifting it between words. T9 Trace uses error correcting algorithms and a language model to predict the next word and includes a touch predictive text system.

Enabling T9 Trace

When T9 Trace is enabled, the onscreen keyboard can be used to enter text by tapping or swiping across the onscreen keys.

1. Press and tap > > **Language and input**.

2. Tap to the right of **Samsung keyboard**.
3. Touch the check mark to the right of **T9 Trace** to enable T9 Trace text entry.

Swype Settings

Swype provides next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

1. Press and tap > > **Language and input**.
2. Tap (adjacent to the **Swype** field) to display the **Swype settings** screen. For information about Swype, see Swype.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the device what to search for and then the device activates a Google search based on what you said.

1. Press and tap > > **Language and input**.
2. Tap **Voice Search** to access the following options:
   - **Language**: allows you set the language you will be using for your voice input and output.
   - **SafeSearch**: allows you to filter explicit images when performing voice searches. You can set to **Off**, **Moderate**, or **Strict**.
   - **Block offensive words**: allows you to block recognition of known offensive words or language. (A green check mark indicates the feature is active).

Text-to-speech Output

The Text-to-speech output feature allows the device to provide a verbal readout of onscreen data such as messages and incoming caller information (based on Caller ID).Tap **Text-to-speech output** to access the following options:

1. Press and tap > > **Language and input**.
2. Tap **Text-to-speech output** to access the following options:
   - Preferred TTS engine

- **Google text-to-speech Engine**: allows you to use and modify Google Text-to-speech settings. Tap to the right of **Google text-to-speech** for additional settings.

- General
  - **Speech rate**: adjusts the rate at which onscreen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
  - **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your device when activated.
  - **Driving mode**: allows new notifications to be automatically read aloud.

Pointer Speed

This feature allows you to adjust the speed of the Mouse/trackpad.

1. Press and tap > > **Language and input**.
2. Tap **Pointer speed**, adjust the slider according to your speed preference, and tap **OK**.

Back Up and Reset Settings

Your device's Privacy menu includes the **Factory Data Reset** option. This option lets you reset your device to the original factory settings, which erases all data from the device's application storage.

Backup and Restore

The device can be configured to back up your current settings, application data and settings.

1. Press and tap > > **Back up and reset**.
2. Tap **Back up my data** to create a backup of your current device settings and applications.
3. Tap **Backup account** to assign the account being backed up.
4. Tap **Automatic restore** to assist in the re-installation of a previously installed application (including preferences and data).
5. Tap **Factory data reset** to reset your device and sound settings to the factory default settings. For more information, see Factory Data Reset.

Factory Data Reset

From this menu you can reset your device and sound settings to the factory default settings.

1. Press and tap > > **Backup and reset** > **Factory data reset**.
2. Read the onscreen reset information.
3. Tap **Reset device**.
4. If necessary, enter your password and tap **Delete all**. The device resets to the factory default settings automatically and when finished displays the Home screen.

Accessory Settings

Configure settings for attaching your device to optional accessories, such as a dock, or to another devices with an HDMI cable (accessories not included).

1. Press and tap > > **Dock**.
2. Tap **Dock sound** to play sounds when inserting or removing the device from the dock.
3. Tap **Audio output** to use the external dock speakers when the device is docked.

Date and Time Settings

When in network coverage, your device obtains its time and date information from the network. In cases where you are not in network coverage, you can use Date and time settings to manually set the date and time. You can also choose the format for displaying the date and time.

1. Press and tap > > **Date and time**.
2. Configure options:
   - **Automatic date and time**: When enabled, your device obtains date and time from the network. When disabled, you can use Set date and Set time to set the current time and date.
   - **Set date**: When Automatic date and time is disabled, tap to set the current date.
   - **Set time**: When Automatic date and time is disabled, tap to set current time.
   - **Automatic time zone**: When enabled, the device obtains the time zone from the network.

- **Select time zone**: When Automatic time zone is disabled, tap to select a time zone.
- **Use 24-hour format**: Choose 12-hour or 24-hour format.
- **Select date format**: Select how the date information is displayed on your device. The selected date format is also used in the Alarm app.

Accessibility Settings

Use Accessibility settings to configure options to simplify device use and improve accessibility for users with vision or hearing issues.

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user interface interactions. With TalkBack, every interaction and key press is explained in audio. The Accessibility menu also allows you to set various vision, hearing, and access options.

Access Accessibility Settings

1. Press and tap > > **Accessibility**.
2. Select your settings from the following options:
   - Tap **Auto-rotate screen** to allow automatic rotation from the screen between landscape and portrait.
   - Tap **Speak passwords** to allow the device to read aloud password information.
   - Tap **Accessibility shortcut** to have a link to Accessibility settings appear on the Device options menu, which appears when you press and hold the power key.
   - Tap the **Screen timeout** option to timeout the accessibility feature after a defined amount of time.
   - Tap **TalkBack** to activate the TalkBack feature. For more information, see TalkBack Settings.
   - Tap **Install Web scripts** to allow apps to install scripts from Google that make their Web content more accessible. Tap **Allow**.
   - Tap **Font size** to change the size of the fonts used on the device. Choose from: **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.
   - Tap **Mono audio** to enable stereo audio to be compressed into a single mono audio stream for use with a single earphone.
   - Tap **Turn off all sounds** to mute every sound made by the device during taps, selections, notifications, etc.

- Tap **Tap and hold delay** to select a time interval to wait before interpreting a tap as a tap and hold. Choose **Short**, **Medium**, or **Long**.

TalkBack Settings

TalkBack provides spoken feedback, to describe what you touch, select and activate on the device.

1. Press and tap > > **Accessibility** > **TalkBack**.
2. Tap the ON/OFF slider to turn on TalkBack.
3. Tap **Settings** and choose from the following options:
   - **Ringer volume**: instructs the TalkBack program to provide voice feedback at all ringer volumes or not to provide voice feedback during silent or vibrate mode.
   - **Speak when screen is off**: instructs the TalkBack program to provide voice feedback when the screen is off.
   - **Speak caller ID**: instructs the TalkBack program to provide voice feedback for caller ID.
   - **Bluetooth output**: instructs the TalkBack program to provide voice feedback through Bluetooth connections when available.
   - **Sound feedback**: allow you to enable sound feedback when you touch the screen.
   - **Sound volume**: allows you to customize the volume return based upon the volume of your voice. Choose from **Match speech volume**, **75% of speech volume**, or **50% of speech volume**.
   - **Assign sounds**: allows you to select sounds to differentiate between touchable and clickable items.

Developer Options Settings

Use the Developer Options to set options for application development.

Important! These features are used for development purposes only.

- Press and tap > > **Developer options**.

USB Debugging

When enabled, allows debugging when the device is attached to a PC by a USB cable.

1. Press and tap > > **Developer options**.
2. Tap **USB debugging** to enable or disable the setting. When enabled, a check mark appears in the check box.

Development Device ID

The identification number for your tablet when using it as a development tool displays in this field.

Allow Mock Locations

If you are a developer who is testing a GPS applications using this device, you can use mock locations to tell the device that the device is at different GPS locations. In other words, the device is allowed to “mock” the coordinates. This feature is used for development purposes only.

1. Press and tap > > **Developer options**.
2. Tap **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the check box.

Desktop Backup Password

Protect the desktop with a backup password ID.

1. Press and tap > > **Developer options**.
2. Tap **Desktop backup password**.
3. In the Settings screen, enter the current full backup password, the new password for full backups and then enter the new password again.
4. Tap **Set backup password** to save the password change.

User Interface Options

Configure the user interface by setting the behavior for the way the screen behaves when using applications or displaying data.

1. Press and tap > > **Developer options**.
2. Tap the check box next to each option to enable:

- **Strict mode**: Makes the screen flash when applications perform long operations on the main thread.
- **Show pointer location**: Highlights the data that was touched on the screen.
- **Show touches**: Displays touch interactions on the screen.
- **Show screen updates**: Areas of the screen flash when they update.
- **Show CPU usage**: Screen highlights the current CPU usage.
- **Force GPU rendering**: Uses a 2D acceleration in applications.
- **Window animation scale**: Configure the scale for animation (ranges from off to 10x).
- **Transition animation scale**: Configure the scale for transitioning when using animation (ranges from off to 10x).

Application Options

These options allow you to manage applications that are running in the background.

1. Press and tap > > **Developer options**.
2. Tap **Do not keep activities** to destroy every activity as soon as the application is closed.
3. Tap **Limit background processes** to set the number of processes that can run in the background. Options are: Standard limit, No background processes, and 1 to 4 processes at most.
4. Tap **Show all ANRs** to display a prompt when applications running in the background are not responding.

System Update Settings

This feature contains tools that allow you to update your device to the latest PRL, Profile, Samsung Software, and Firmware. Access this menu on a regular basis to ensure that your device maintains the most recent system enhancements and security features.

Update PRL

This option allows you to download and update the preferred roaming list (PRL) automatically.

1. Press and tap > > **System Update** > **Update PRL**.
2. Follow the onscreen instructions.

Update Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your device.

1. Press and tap > > **System Update** > **Update Profile**.
2. Follow the onscreen instructions.
   - If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

Update Samsung Software

Use this feature to upgrade your device to the latest software.

1. Press and tap > > **System Update** > **Update Samsung Software**.
2. Follow the onscreen instructions.

Update Firmware

Once you have backed up all your data, use the Update Firmware option to update your device firmware.

1. Press and tap > > **System Update**.
2. Tap **Update Firmware**. Your device automatically downloads and installs any available updates. You may be required to power your device off and back on to complete the software upgrade.

About Device

The About Device menu lets you access important device information, such as the device model number, Android version, Baseband version, Kernel version, Build , signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, Wi-Fi MAC address, Bluetooth address, mobile device number (MDN), software version network, and legal information.

Status

This option displays the battery status, the level of the battery (percentage), the MDN for this device, battery status and level, User name, and signal strength.

- Press and tap > > **About device** > **Status**.

Legal Information

This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Devices, and much more pertinent information as a reference.

- Press and tap > > **About device** > **Legal information**.

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